

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103177.D
 Acq On : 22 Feb 2018 21:54
 Operator : SJ/JU
 Sample : J1635-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

Quant Time: Feb 23 02:15:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169528	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	697381	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	288203	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	388560	20.00	ng	0.00
75) Chrysene-d12	14.05	240	275546	20.00	ng	0.00
86) Perylene-d12	15.54	264	266750	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	928244	82.81	ng	0.01
7) Phenol-d6	6.51	99	1109884	80.92	ng	0.00
23) Nitrobenzene-d5	7.44	82	715353	58.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	174734	71.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1080168	60.11	ng	0.00
78) Terphenyl-d14	12.98	244	665617	58.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	148032	25.005	ng	92
3) Pyridine	3.48	79	377222	23.867	ng	98
4) n-Nitrosodimethylamine	3.41	42	197346	30.960	ng	100
6) Aniline	6.53	93	435038	21.977	ng	94
8) 2-Chlorophenol	6.66	128	343625	29.510	ng	99
9) Benzaldehyde	6.42	77	213608	22.608	ng	99
10) Phenol	6.52	94	452282	28.405	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	352844	29.197	ng	95
12) 1,3-Dichlorobenzene	6.81	146	366789	27.564	ng	97
13) 1,4-Dichlorobenzene	6.89	146	366376	27.462	ng	99
14) 1,2-Dichlorobenzene	7.05	146	342122	27.811	ng	97
15) Benzyl Alcohol	7.02	79	300119	29.037	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	596503	28.744	ng	99
17) 2-Methylphenol	7.13	107	298264	28.186	ng	99
18) Hexachloroethane	7.38	117	114106	23.494	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	234547	27.476	ng	95
20) 3+4-Methylphenols	7.27	107	343213	26.607	ng	# 73
22) Acetophenone	7.28	105	456521	28.045	ng	# 89
24) Nitrobenzene	7.46	77	383603	28.532	ng	99
25) Isophorone	7.69	82	705526	29.335	ng	98
26) 2-Nitrophenol	7.77	139	179893	28.422	ng	93
27) 2,4-Dimethylphenol	7.80	122	306978	31.730	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	443112	31.337	ng	98
29) 2,4-Dichlorophenol	8.02	162	279762	30.203	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	275098	27.890	ng	98
31) Naphthalene	8.18	128	974823	28.552	ng	99
32) Benzoic acid	7.89	122	56463	13.647	ng	97
33) 4-Chloroaniline	8.23	127	300952	20.427	ng	98
34) Hexachlorobutadiene	8.29	225	138161	26.898	ng	99
35) Caprolactam	8.59	113	86890	26.691	ng	# 78
36) 4-Chloro-3-methylphenol	8.71	107	303399	29.040	ng	98
37) 2-Methylnaphthalene	8.87	142	620406	28.116	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	234622	29.779	ng	99
40) Hexachlorocyclopentadiene	9.02	237	17217	14.393	ng	99

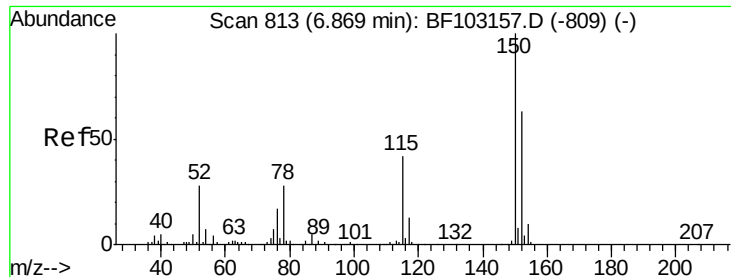
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103177.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	165427	31.204	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	169538	27.804	ng	97
45) 1,1'-Biphenyl	9.33	154	707673	29.303	ng	98
46) 2-Chloronaphthalene	9.36	162	558786	29.247	ng	98
47) 2-Nitroaniline	9.46	65	214800	30.351	ng	92
48) Acenaphthylene	9.77	152	819400	27.874	ng	99
49) Dimethylphthalate	9.63	163	732677	31.690	ng	100
50) 2,6-Dinitrotoluene	9.70	165	138485	28.543	ng	98
51) Acenaphthene	9.95	154	467498	27.273	ng	100
52) 3-Nitroaniline	9.87	138	151376	24.592	ng	98
53) 2,4-Dinitrophenol	9.98	184	14001	16.649	ng	# 19
54) Dibenzofuran	10.12	168	709641	30.158	ng	97
55) 4-Nitrophenol	10.03	139	179536	47.059	ng	94
56) 2,4-Dinitrotoluene	10.10	165	169237	27.580	ng	96
57) Fluorene	10.46	166	512560	25.570	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	106806	26.075	ng	96
59) Diethylphthalate	10.33	149	627752	28.389	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	237684	27.962	ng	97
61) 4-Nitroaniline	10.48	138	144421	23.489	ng	93
62) Azobenzene	10.61	77	614615	27.307	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	16754	11.302	ng	85
65) n-Nitrosodiphenylamine	10.57	169	472474	34.923	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	135405	33.453	ng	96
67) Hexachlorobenzene	11.01	284	133491	30.385	ng	96
68) Atrazine	11.09	200	129815	31.924	ng	97
69) Pentachlorophenol	11.20	266	102778	48.383	ng	97
70) Phenanthrene	11.43	178	614465	28.735	ng	99
71) Anthracene	11.47	178	640473	29.209	ng	99
72) Carbazole	11.63	167	587505	26.905	ng	99
73) Di-n-butylphthalate	11.95	149	839432	30.722	ng	99
74) Fluoranthene	12.62	202	554983	25.827	ng	99
76) Benzidine	12.74	184	306524	29.756	ng	98
77) Pyrene	12.84	202	561417	26.133	ng	99
79) Butylbenzylphthalate	13.46	149	296926	26.160	ng	95
80) Benzo(a)anthracene	14.04	228	519912	29.080	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	201721	31.616	ng	97
82) Chrysene	14.07	228	499233	28.758	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	414169	27.040	ng	100
84) Di-n-octyl phthalate	14.63	149	763230	30.840	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	389764	28.361	ng	97
87) Benzo(b)fluoranthene	15.10	252	492227	28.065	ng	97
88) Benzo(k)fluoranthene	15.13	252	514245	31.137	ng	99
89) Benzo(a)pyrene	15.48	252	458075	29.248	ng	96
90) Dibenzo(a,h)anthracene	17.06	278	336135	27.775	ng	99
91) Benzo(g,h,i)perylene	17.51	276	313869	26.536	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

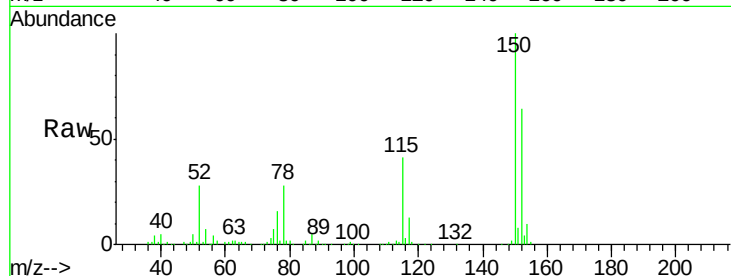


#1

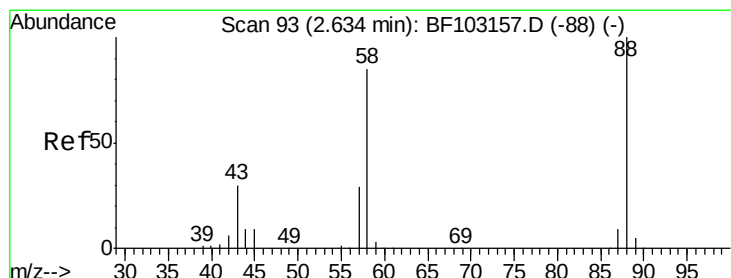
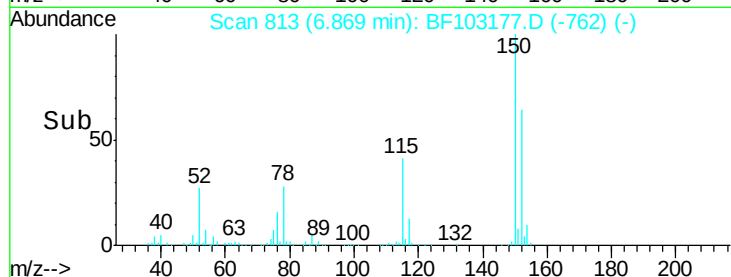
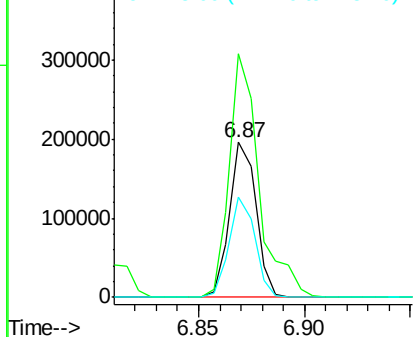
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

Tot Ion:152 Resp: 169528
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 65.0 50.1 75.1



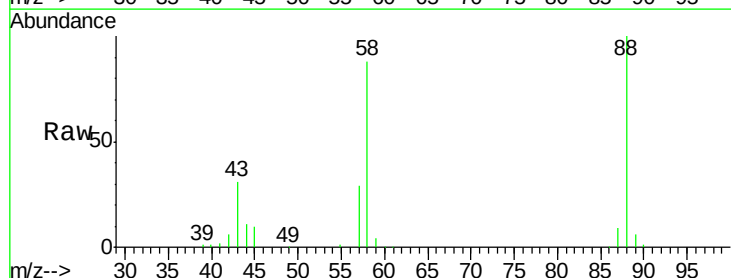
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



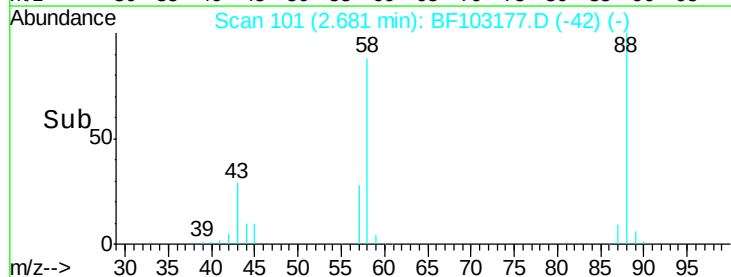
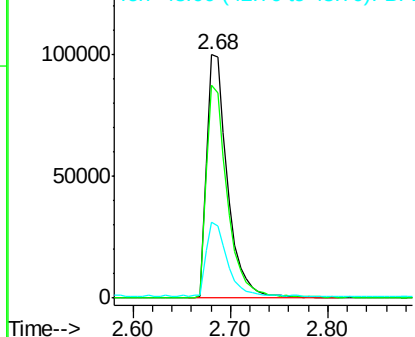
#2

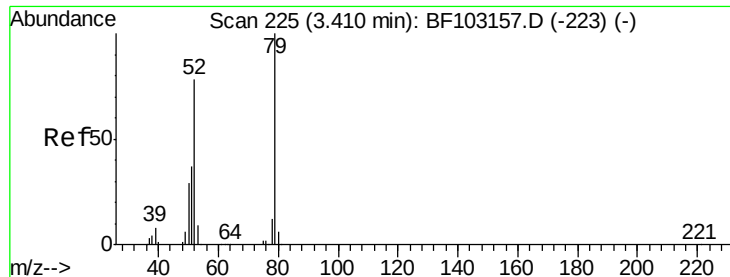
1,4-Dioxane
Concen: 25.005 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion: 88 Resp: 148032
Ion Ratio Lower Upper
88 100
58 88.1 62.6 93.8
43 30.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.867 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.07 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

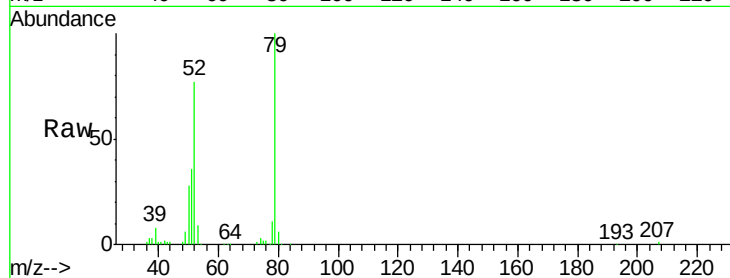
Tot Ion: 79 Resp: 377222

Ion Ratio Lower Upper

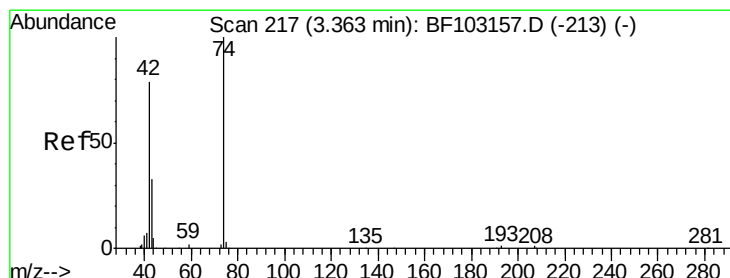
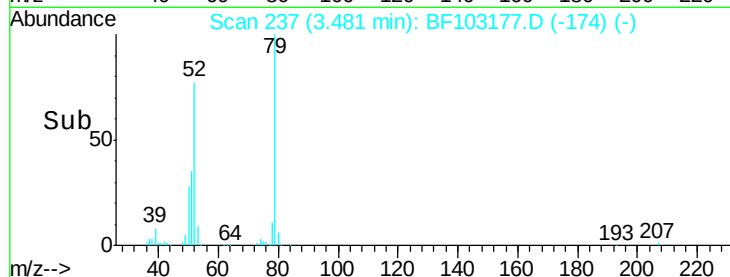
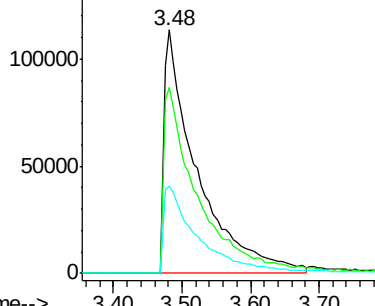
79 100

52 76.6 59.8 89.6

51 35.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.960 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

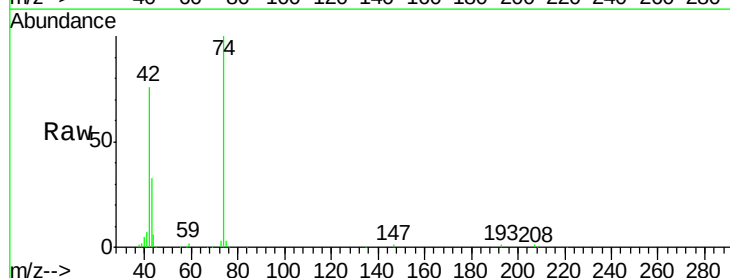
Tgt Ion: 42 Resp: 197346

Ion Ratio Lower Upper

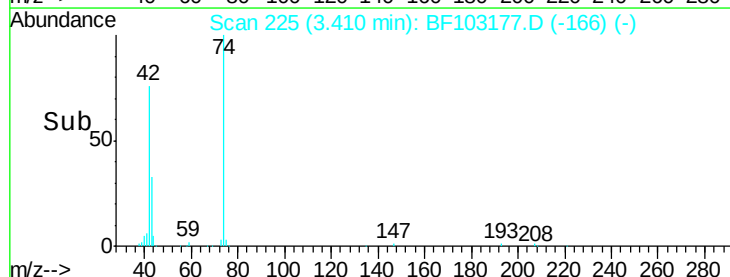
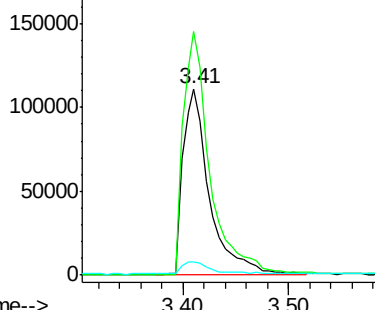
42 100

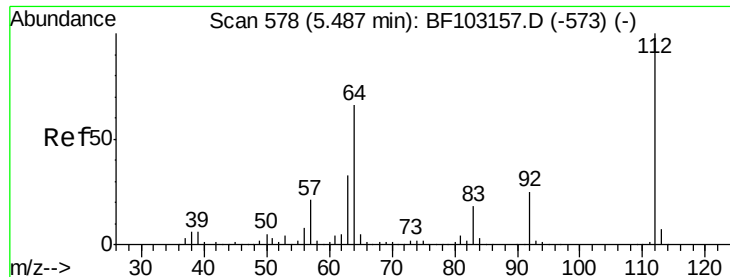
74 130.8 104.9 157.3

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.812 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

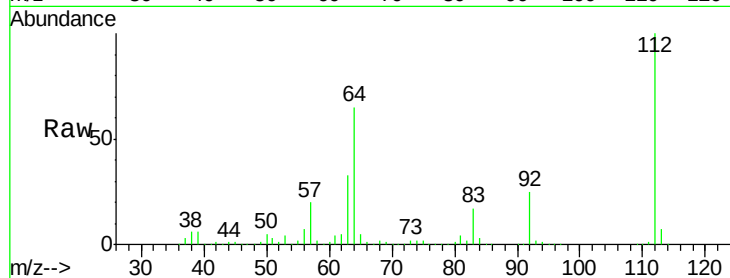
Tot Ion: 112 Resp: 928244

Ion Ratio Lower Upper

112 100

64 65.1 47.9 71.9

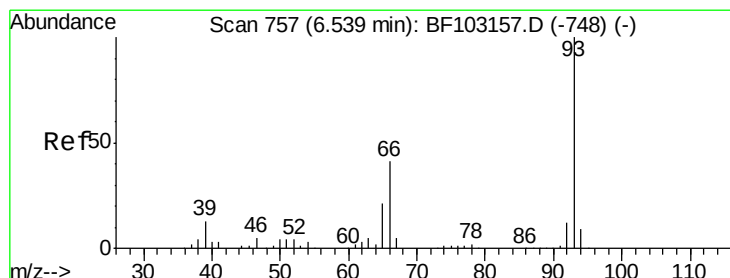
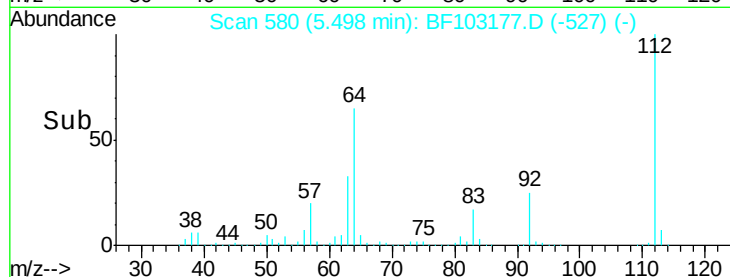
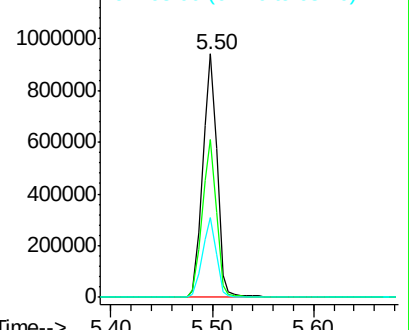
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.977 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

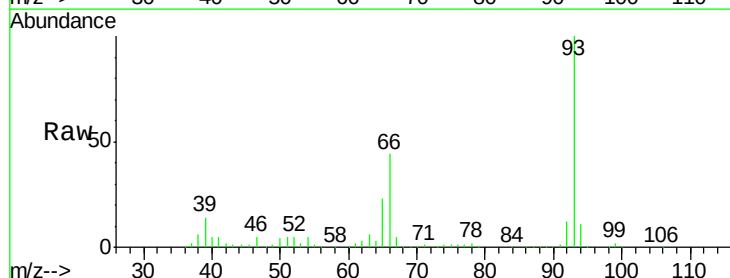
Tgt Ion: 93 Resp: 435038

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

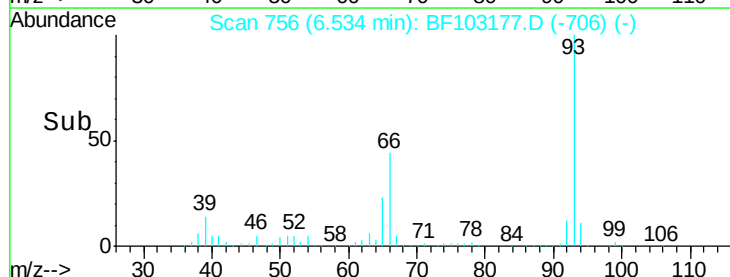
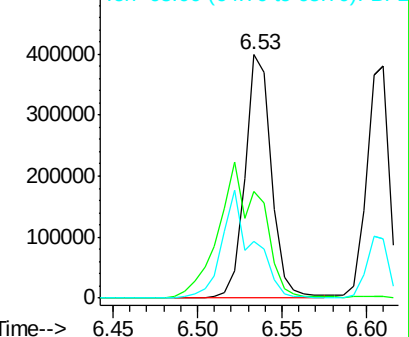
65 23.2 16.4 24.6

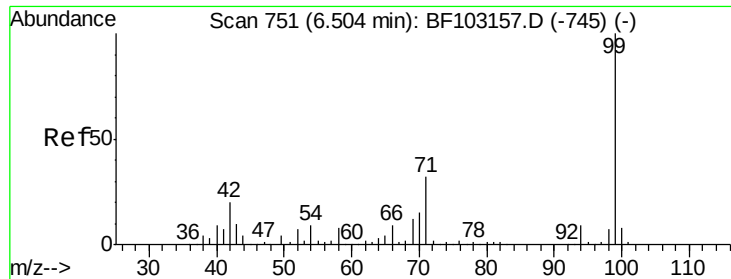


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.920 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

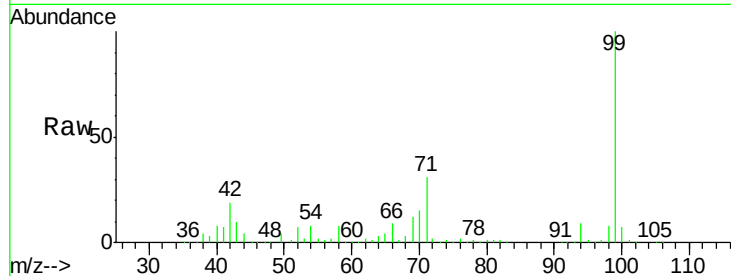
Tot Ion: 99 Resp: 1109884

Ion Ratio Lower Upper

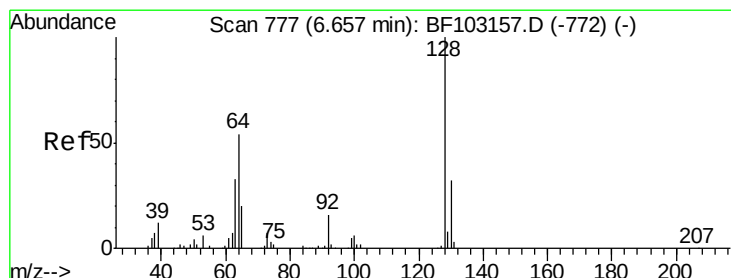
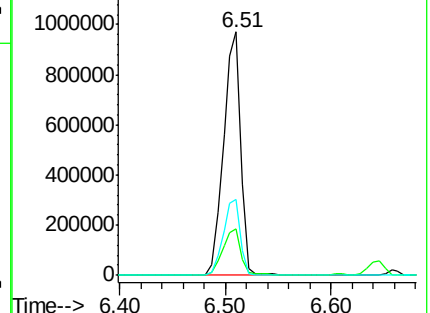
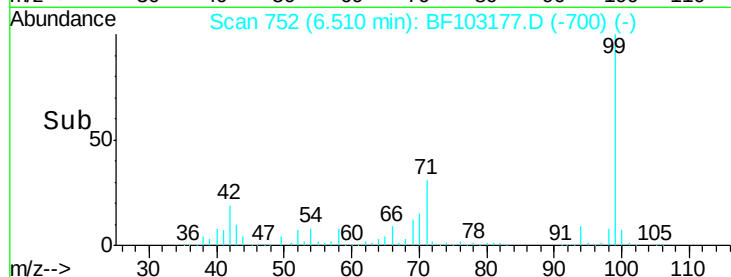
99 100

42 19.0 14.5 21.7

71 31.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.510 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

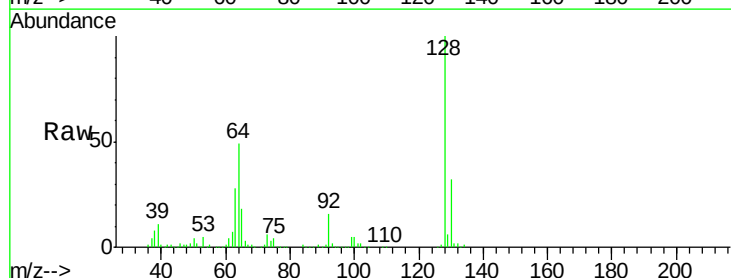
Tgt Ion: 128 Resp: 343625

Ion Ratio Lower Upper

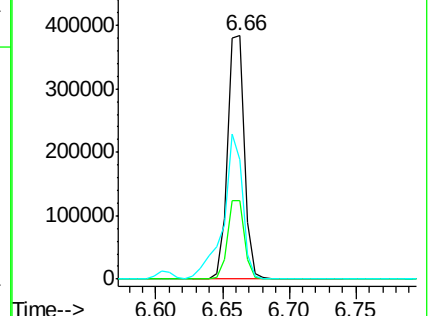
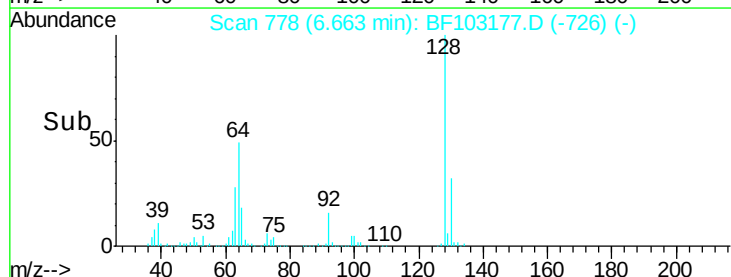
128 100

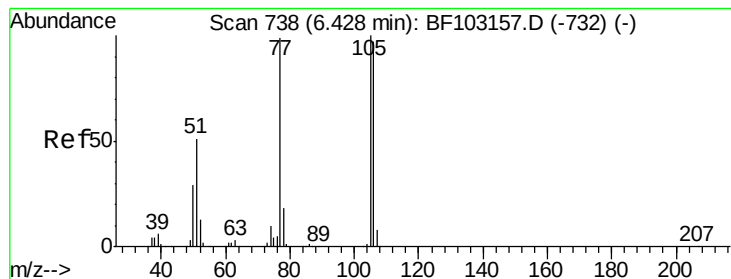
130 32.5 13.0 53.0

64 49.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.608 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

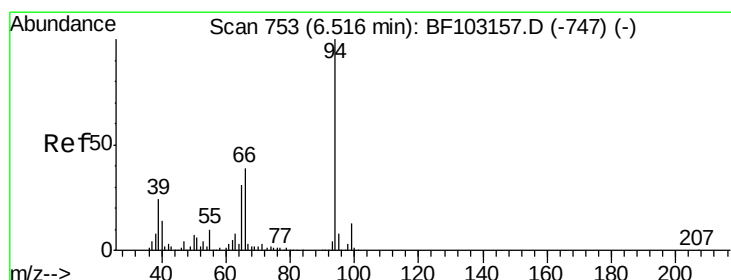
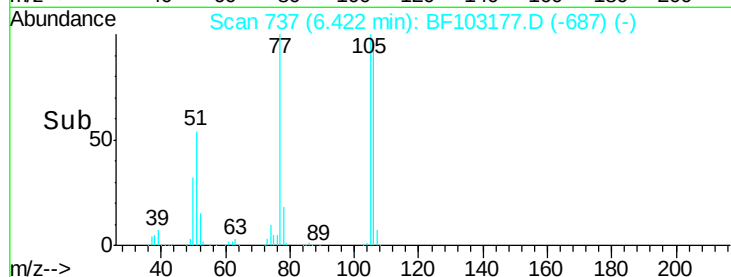
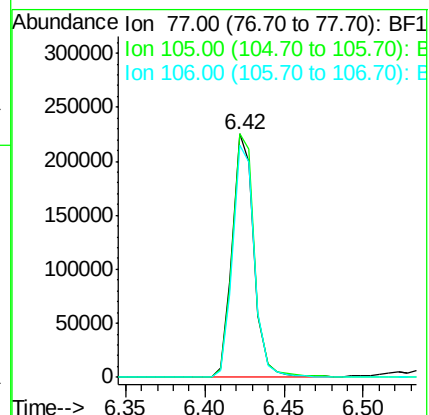
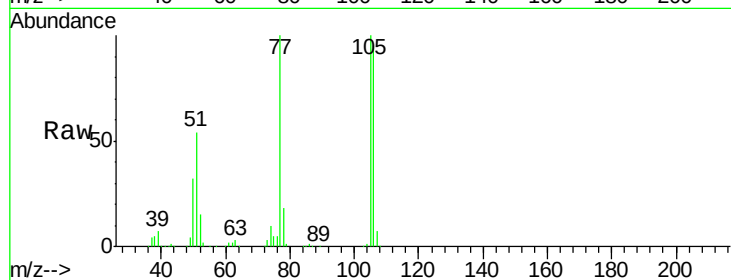
Tot Ion: 77 Resp: 213608

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

106 95.4 74.5 114.5



#10

Phenol

Concen: 28.405 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

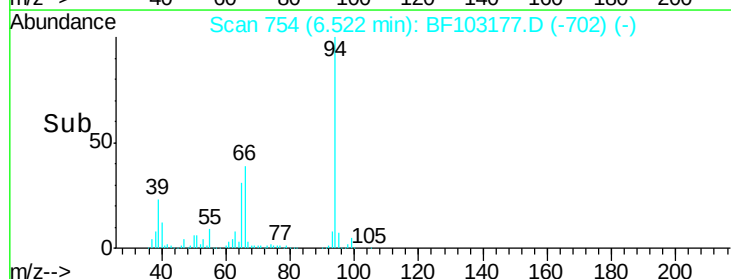
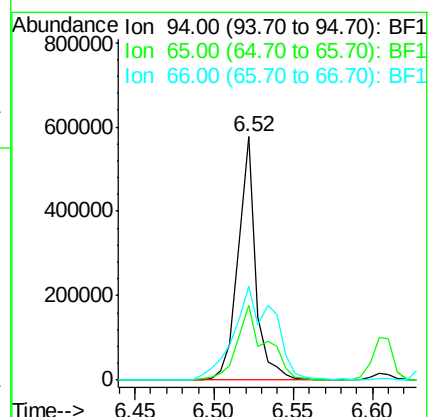
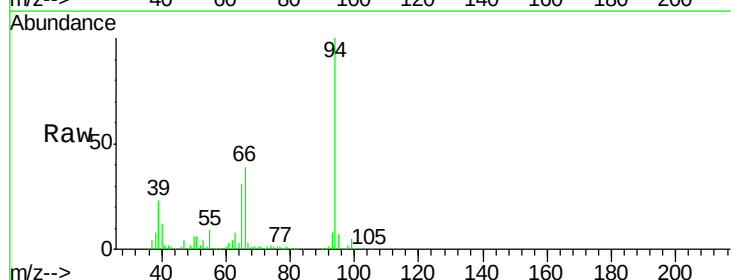
Tgt Ion: 94 Resp: 452282

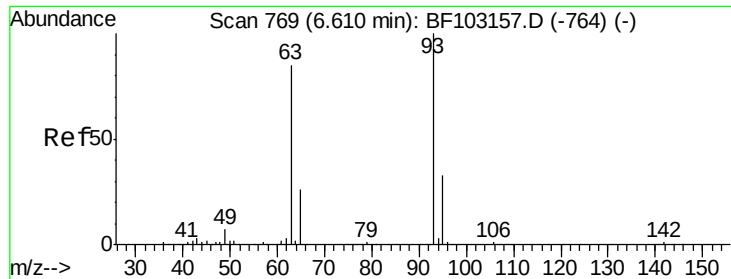
Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

66 38.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 29.197 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

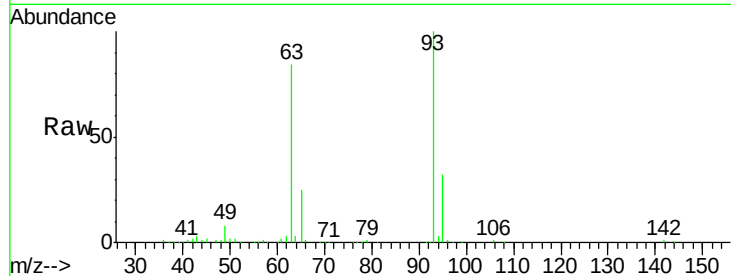
Tot Ion: 93 Resp: 352844

Ion Ratio Lower Upper

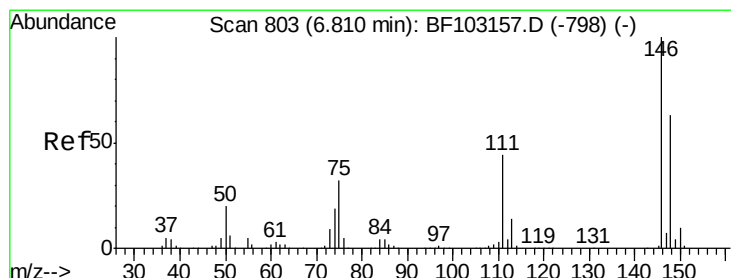
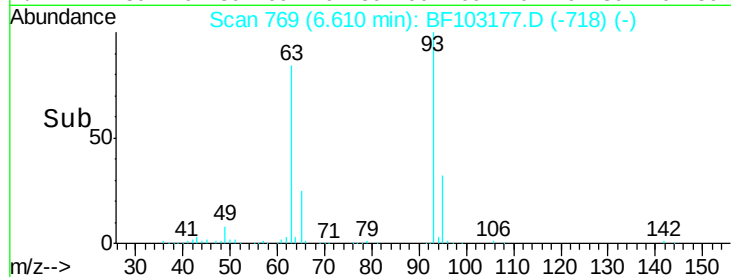
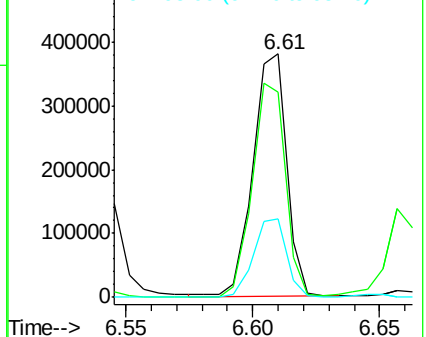
93 100

63 84.1 58.6 98.6

95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.564 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

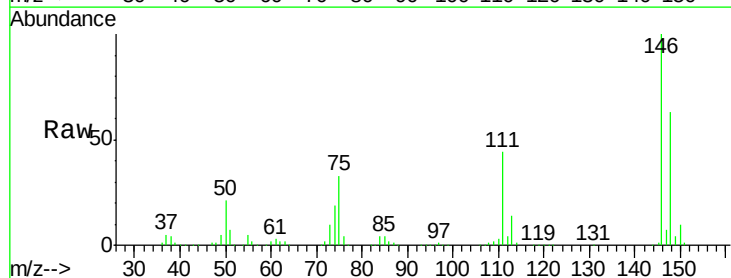
Tgt Ion: 146 Resp: 366789

Ion Ratio Lower Upper

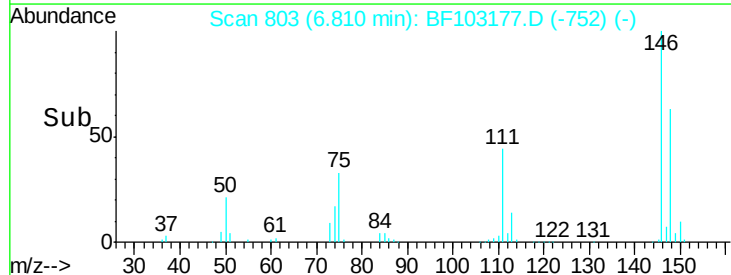
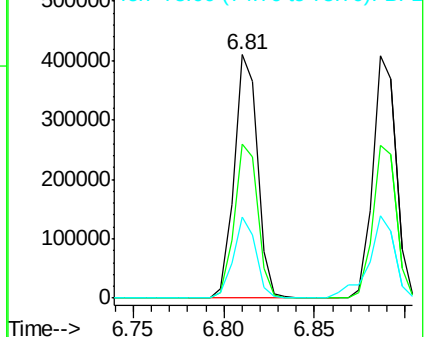
146 100

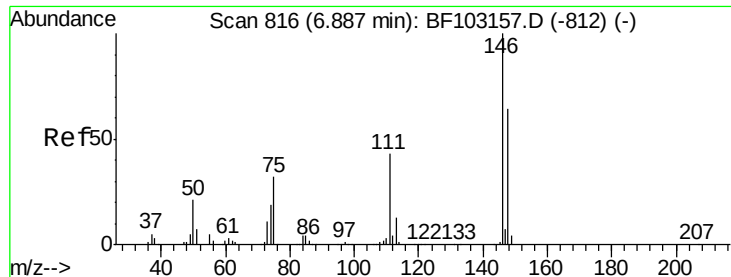
148 63.1 51.8 77.8

75 33.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

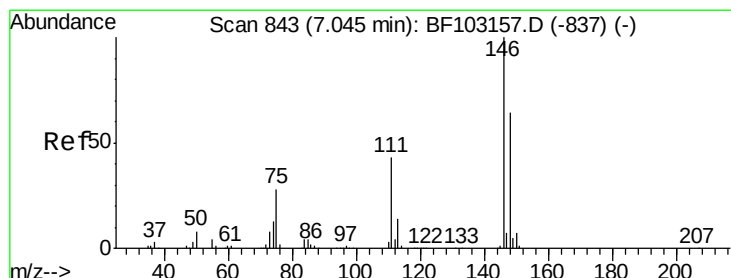
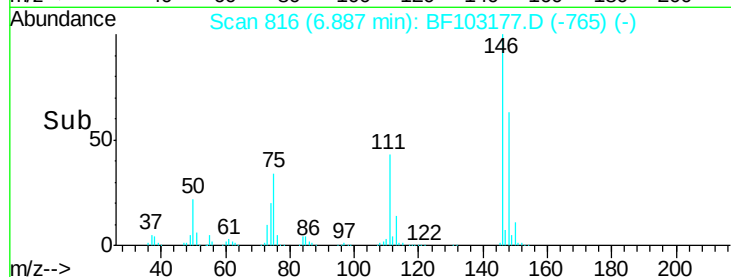
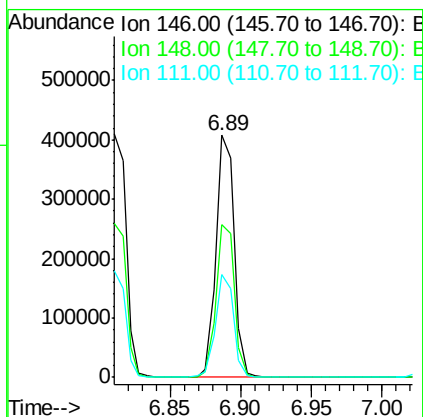
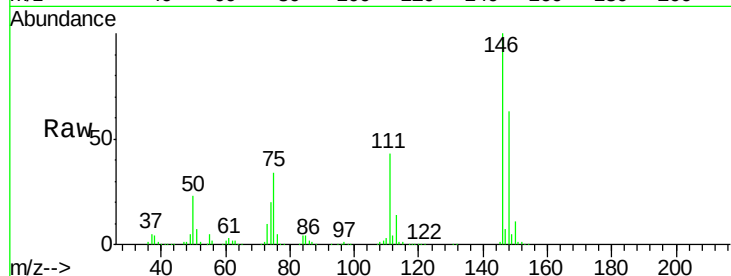




#13
 1,4-Dichlorobenzene
 Concen: 27.462 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

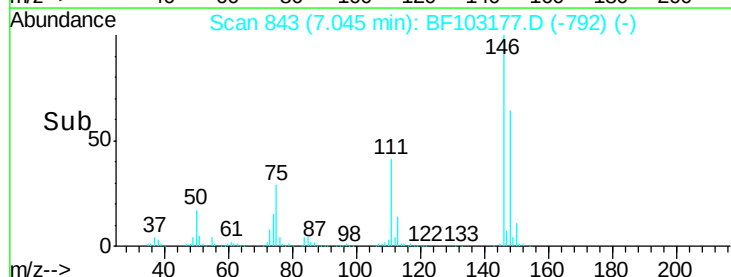
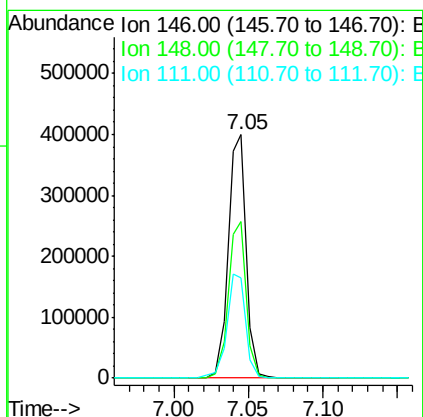
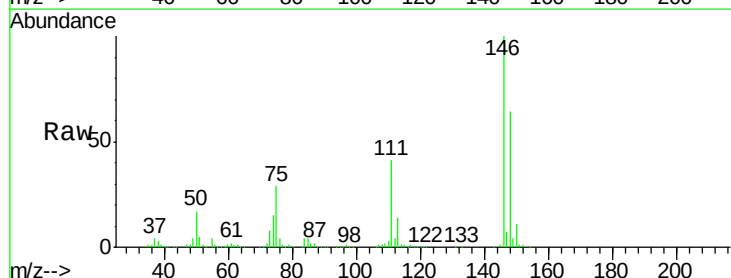
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

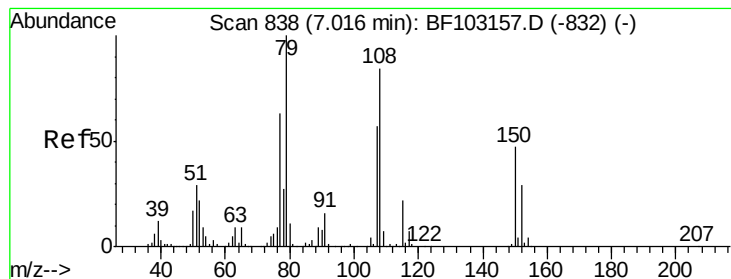
Tot Ion:146 Resp: 366376
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 27.811 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:146 Resp: 342122
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.037 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

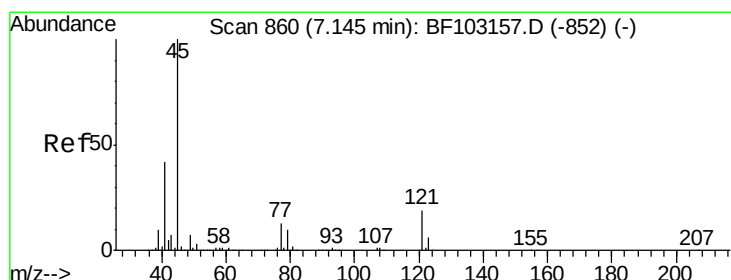
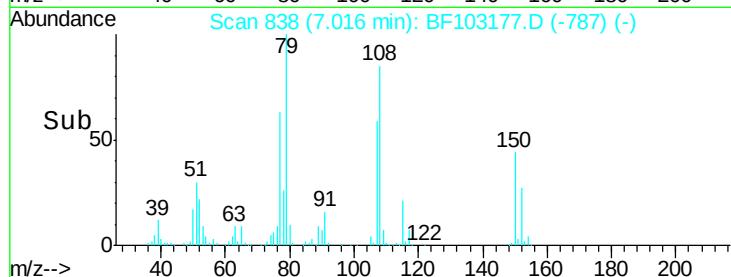
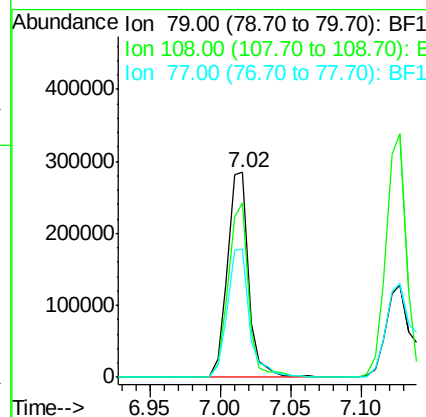
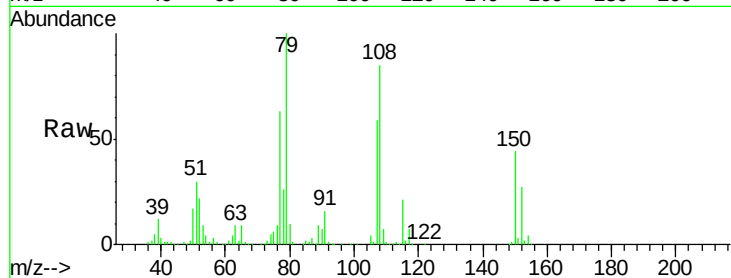
Tot Ion: 79 Resp: 300119

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.744 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

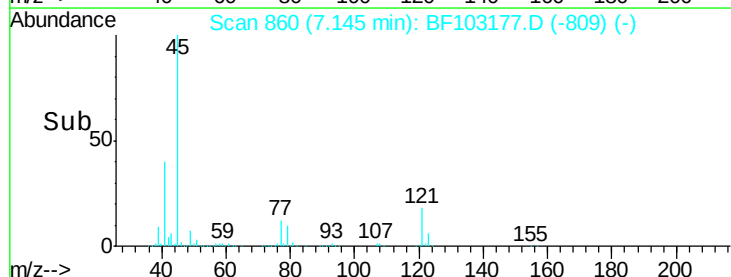
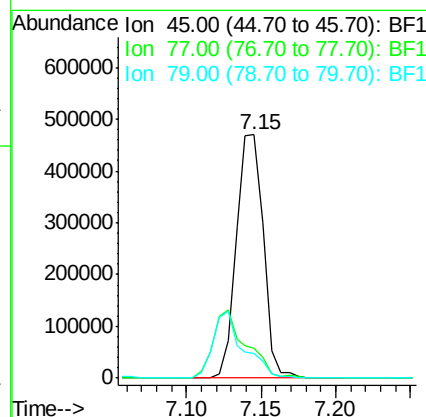
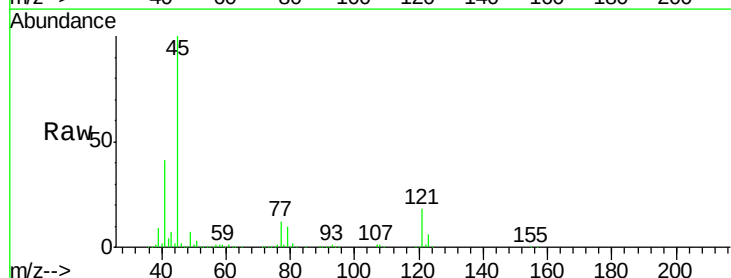
Tgt Ion: 45 Resp: 596503

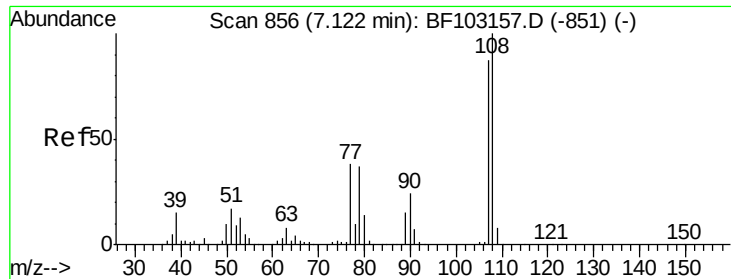
Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

79 10.1 0.0 29.6

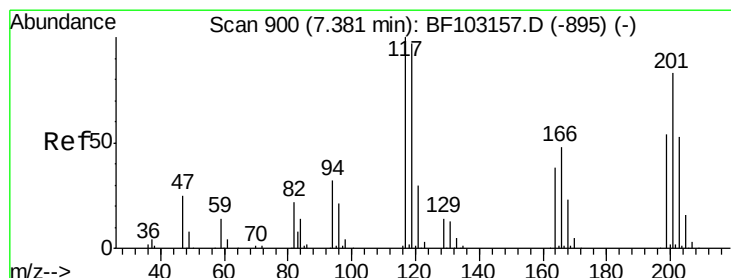
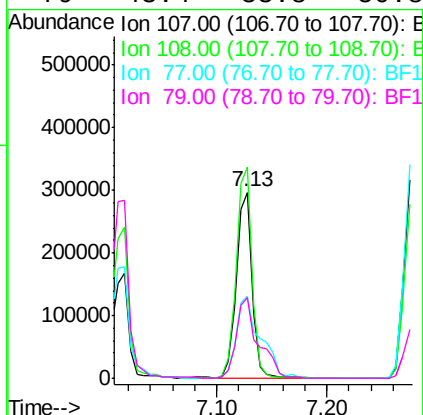
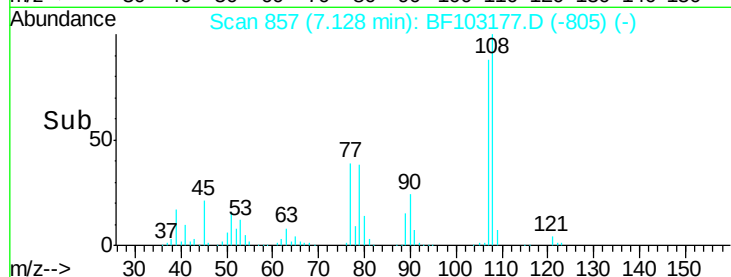
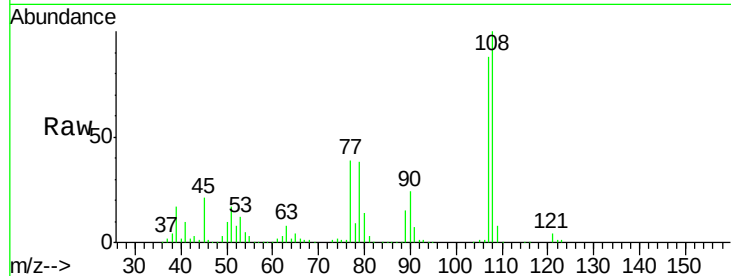




#17
2-Methylphenol
Concen: 28.186 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

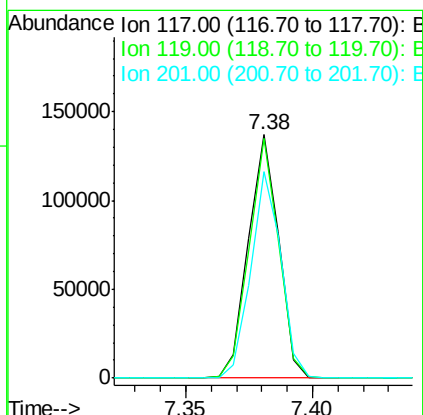
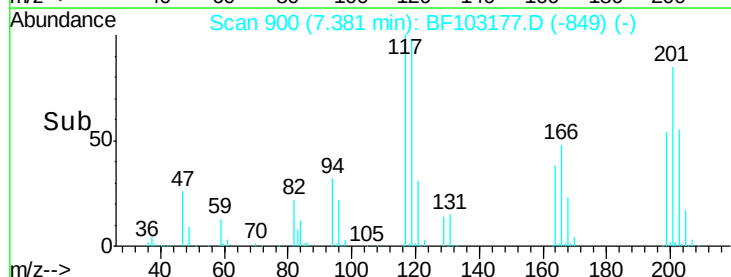
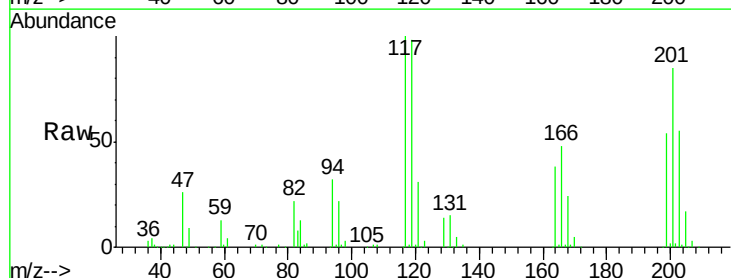
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

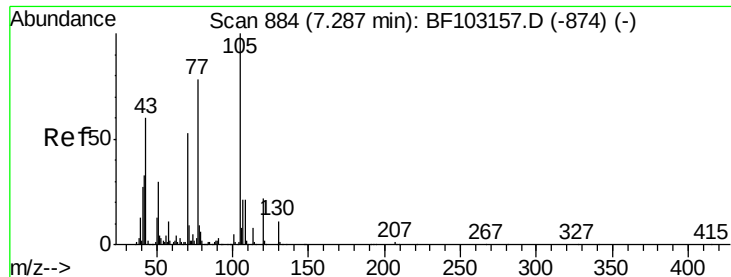
Tot Ion	Ion	Ratio	Lower	Upper
107	100			
108	113.9	91.7	137.5	
77	44.2	33.8	50.8	
79	43.4	33.8	50.8	



#18
Hexachloroethane
Concen: 23.494 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
119	98.5	75.8	113.8	
201	85.1	75.7	113.5	

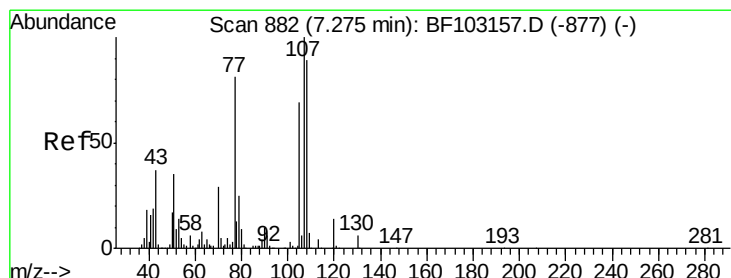
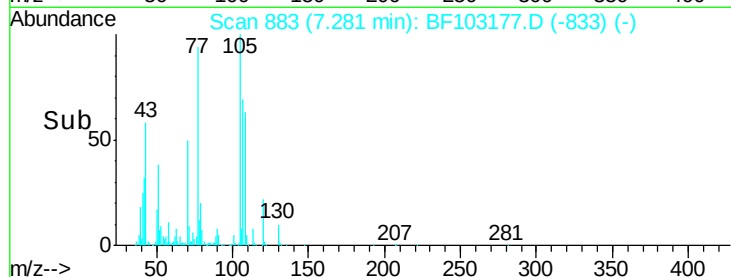
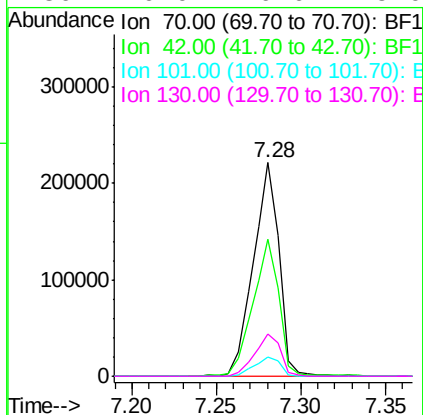
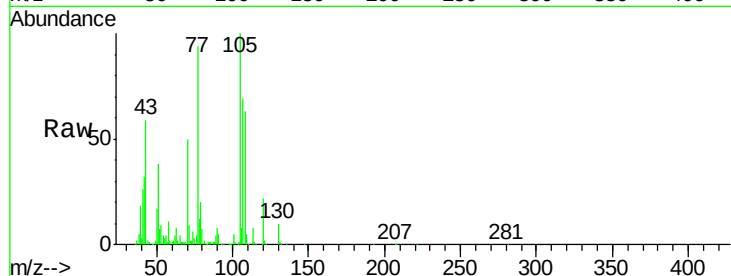




#19
n-Nitroso-di-n-propylamine
Concen: 27.476 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

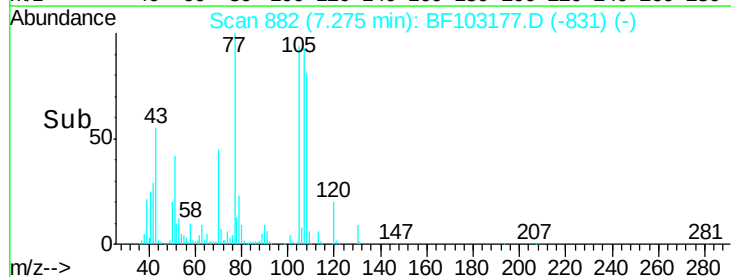
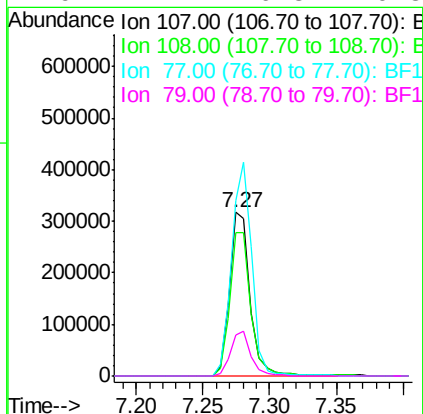
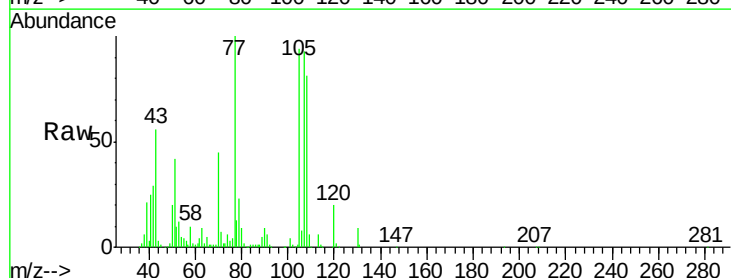
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

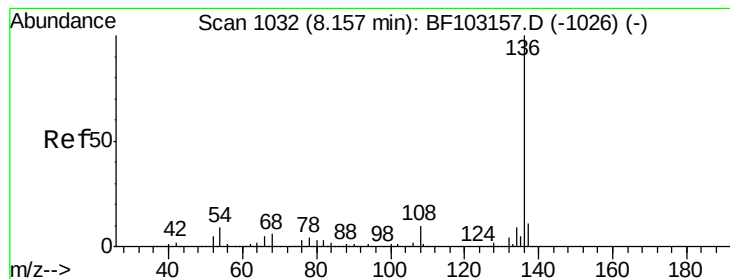
Tot Ion: 70 Resp: 234547
Ion Ratio Lower Upper
70 100
42 64.2 47.5 71.3
101 9.0 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 26.607 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion: 107 Resp: 343213
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 107.5 26.7 66.7#
79 24.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

Tot Ion:136 Resp: 697381

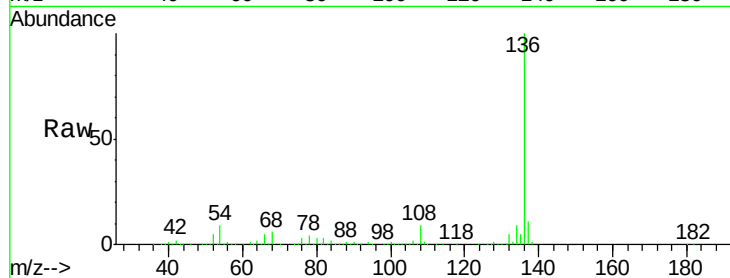
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.5 5.0 7.4

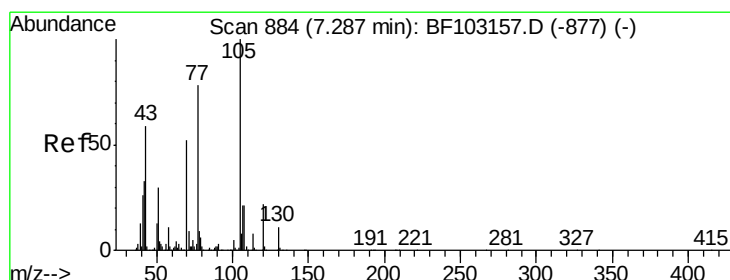
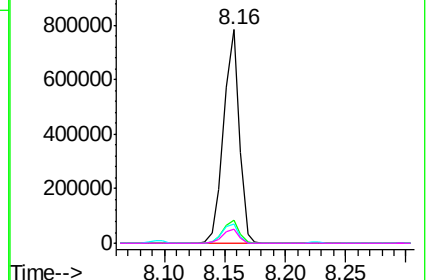
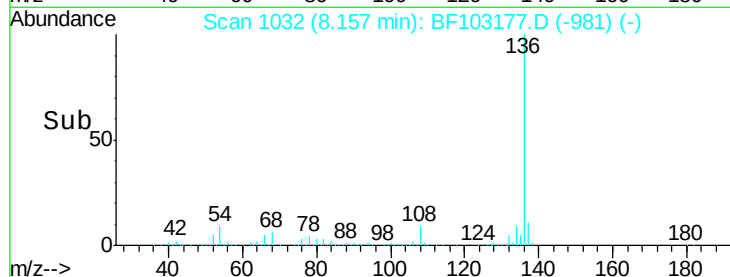


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 28.045 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Tgt Ion:105 Resp: 456521

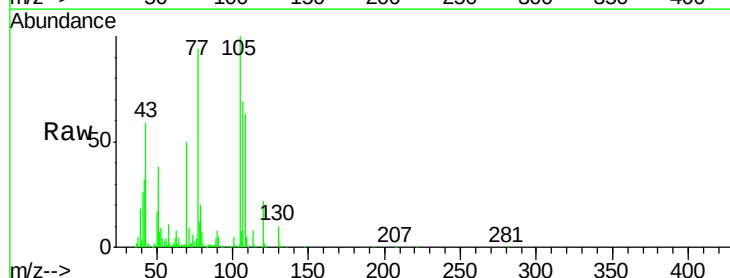
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 37.6 22.3 33.5#

120 21.5 16.9 25.3

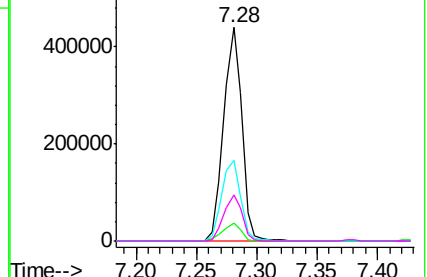
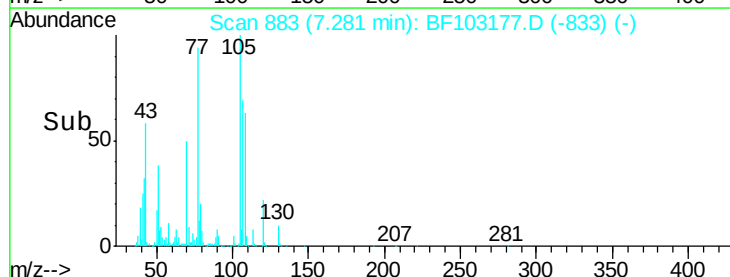


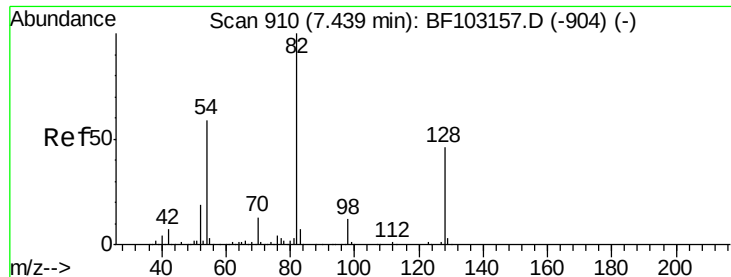
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

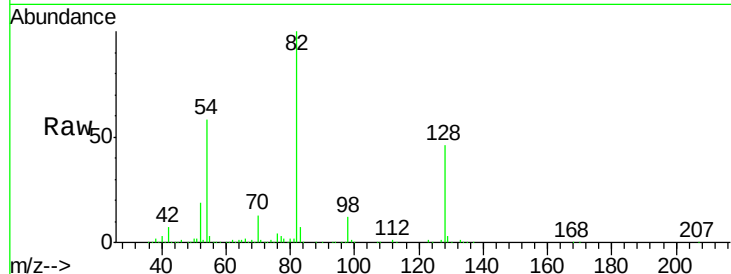




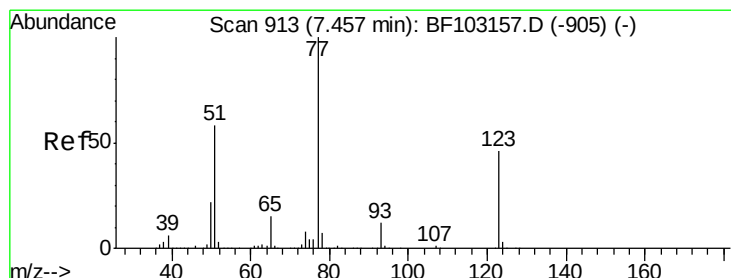
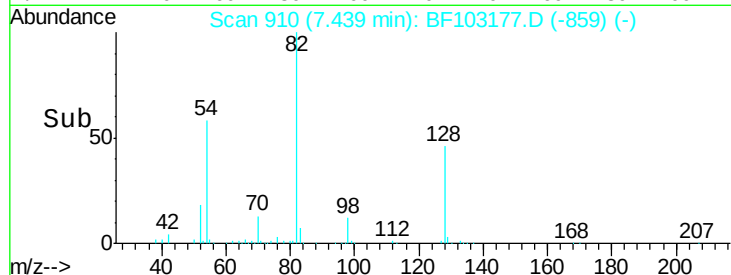
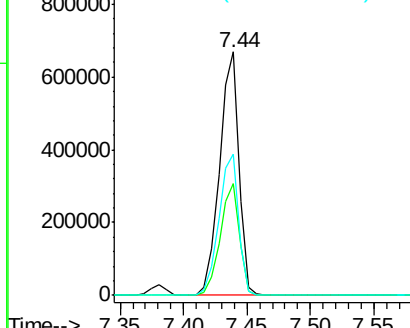
#23
 Nitrobenzene-d5
 Concen: 58.580 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

Tot Ion: 82 Resp: 715353
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 58.1 41.4 62.2

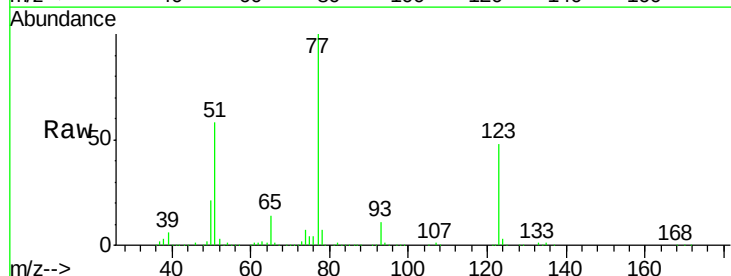


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

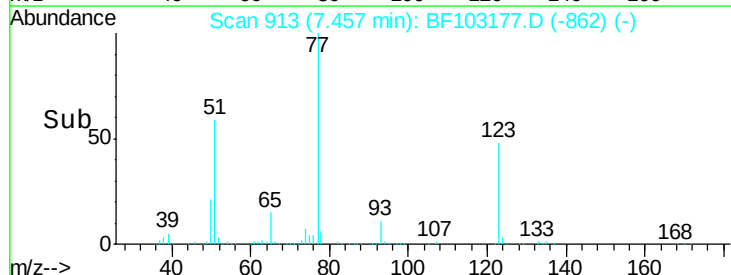
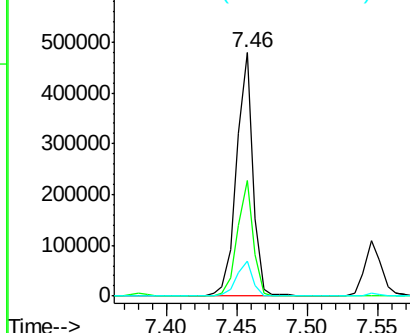


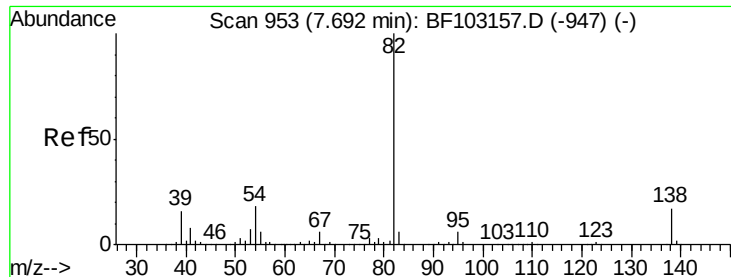
#24
 Nitrobenzene
 Concen: 28.532 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion: 77 Resp: 383603
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.9 56.9
 65 14.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 29.335 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

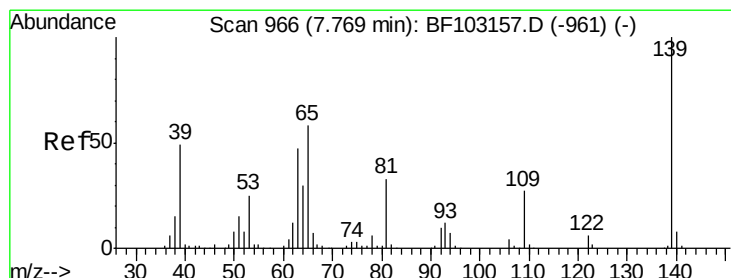
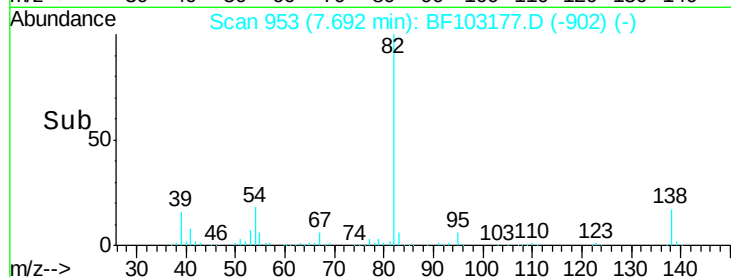
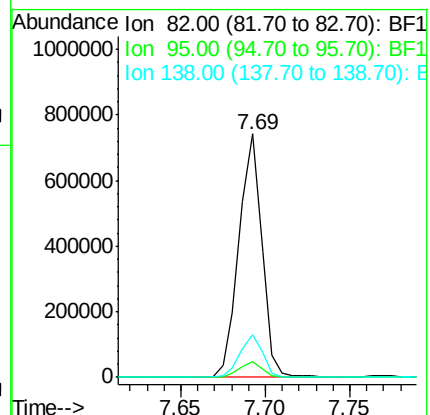
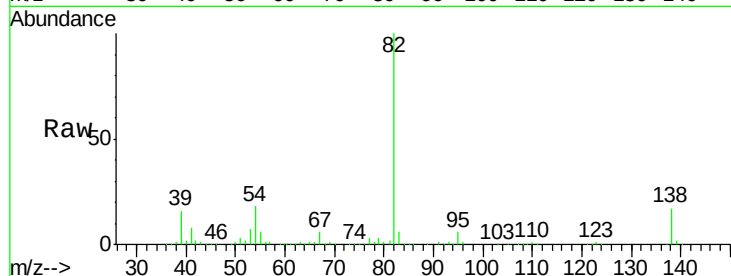
Tot Ion: 82 Resp: 705526

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 28.422 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

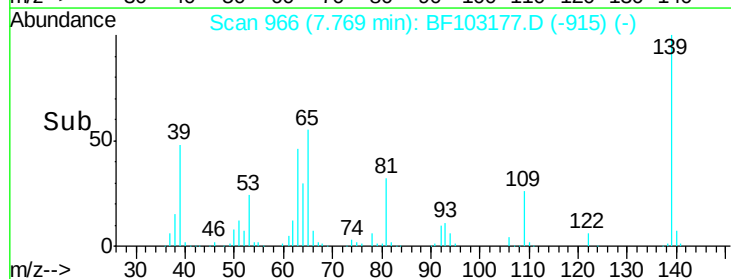
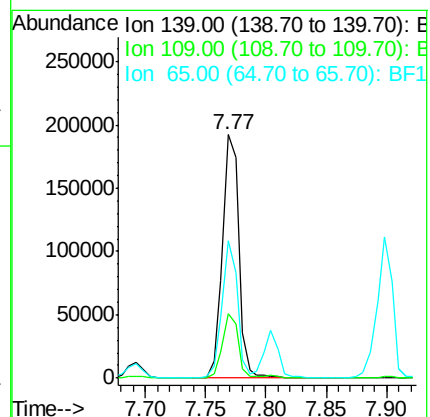
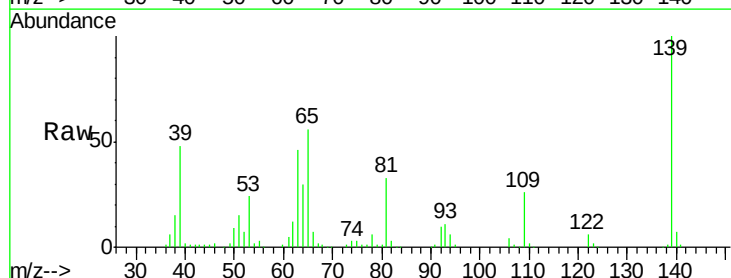
Tgt Ion: 139 Resp: 179893

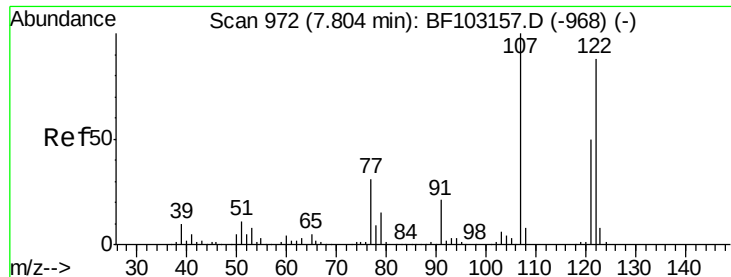
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 56.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 31.730 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

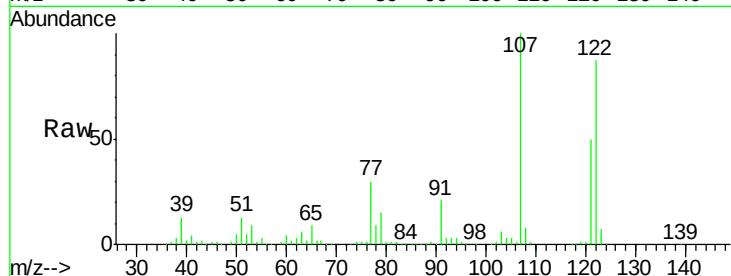
Tot Ion:122 Resp: 306978

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

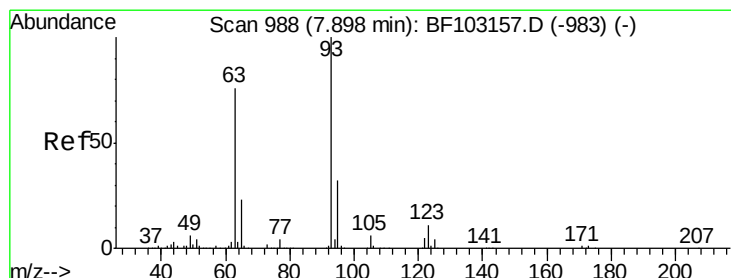
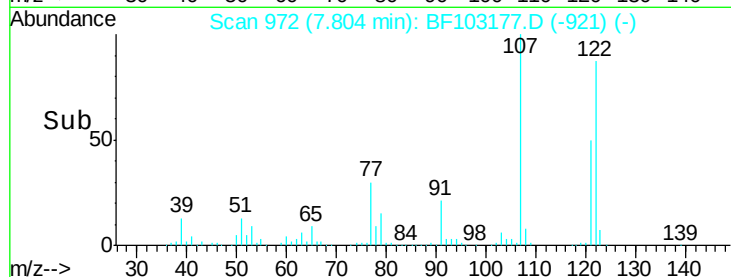
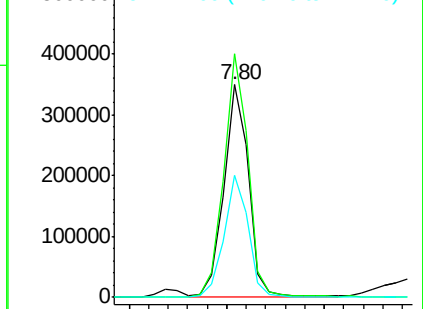
121 57.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.337 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

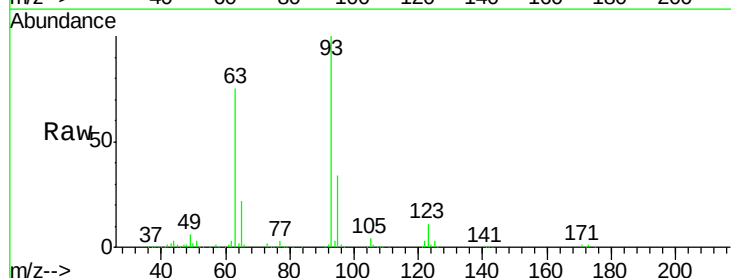
Tgt Ion: 93 Resp: 443112

Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

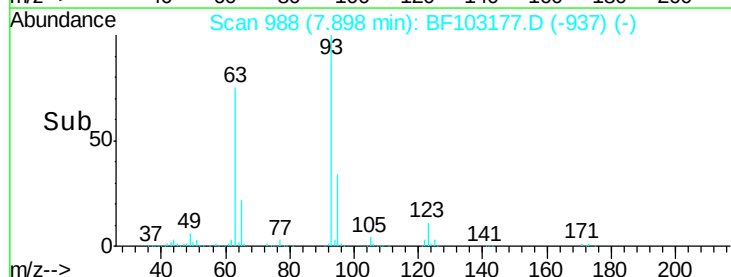
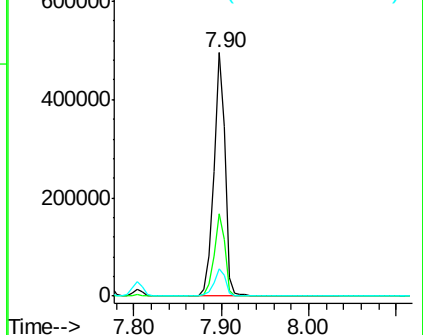
123 11.3 9.8 14.6

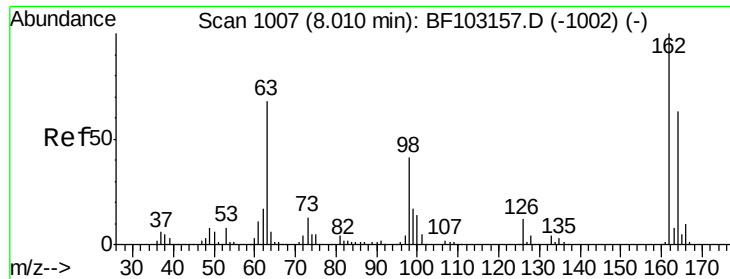


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

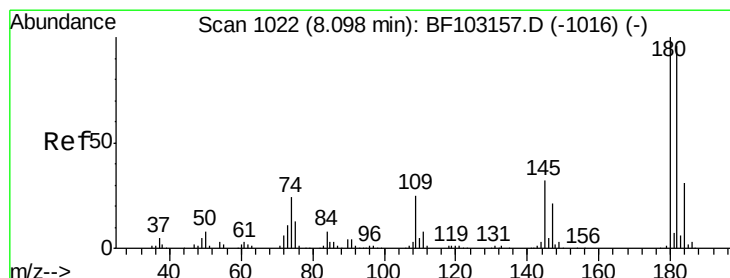
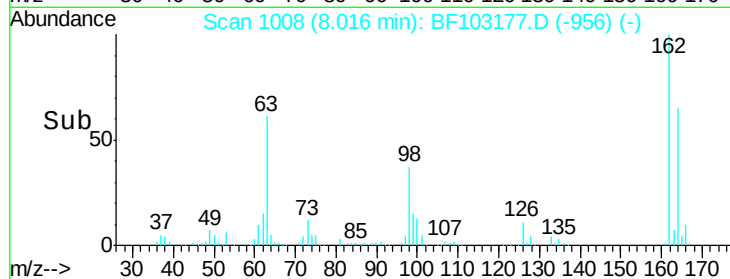
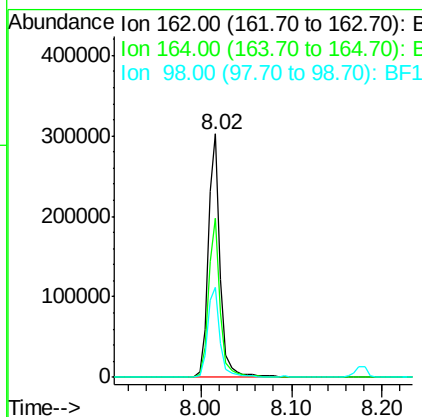
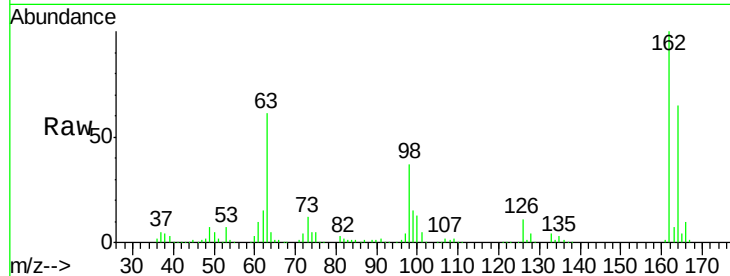




#29
 2,4-Dichlorophenol
 Concen: 30.203 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

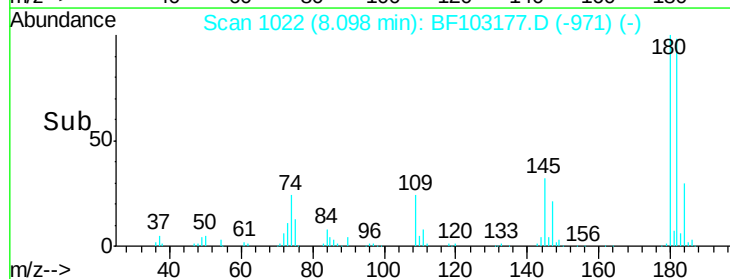
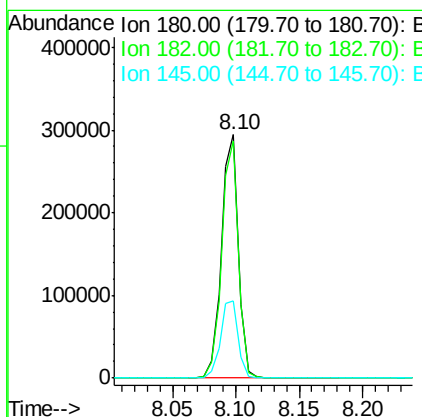
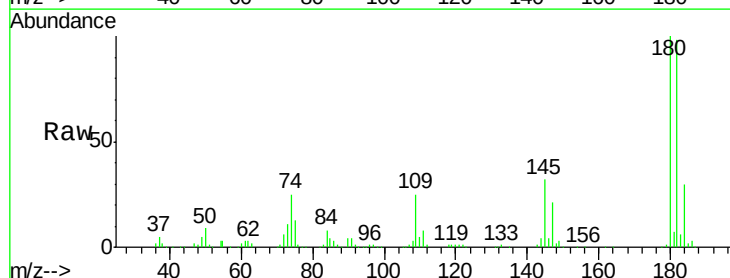
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

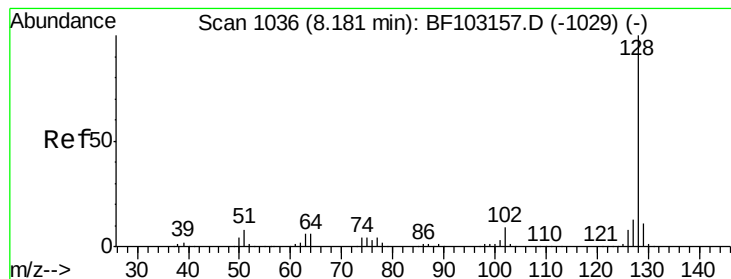
Tot Ion:162 Resp: 279762
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.7 82.7
 98 36.9 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 27.890 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:180 Resp: 275098
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.8 115.2
 145 31.7 26.5 39.7





#31

Naphthalene

Concen: 28.552 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

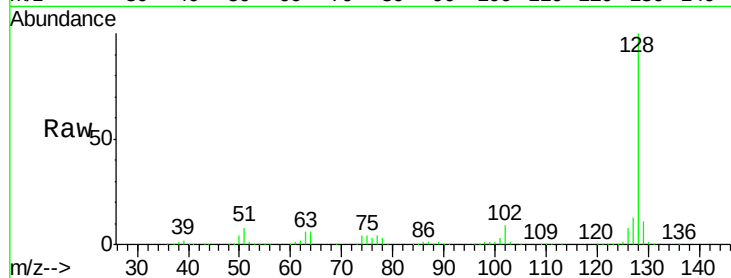
Tot Ion:128 Resp: 974823

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

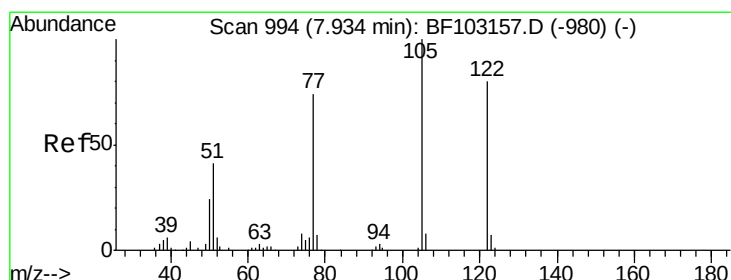
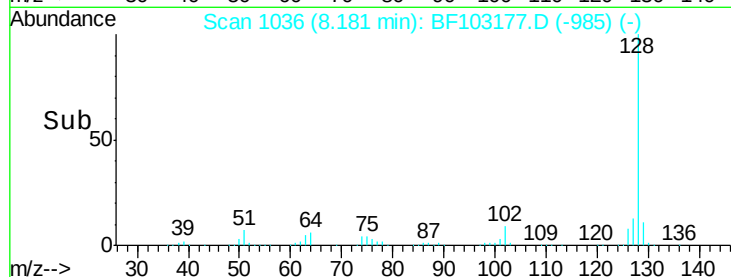
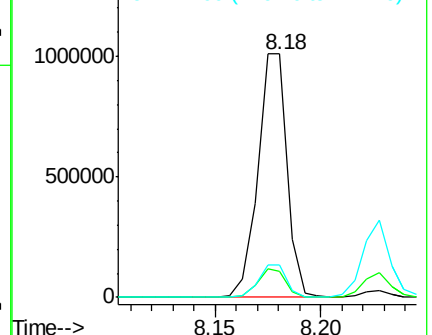
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.647 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

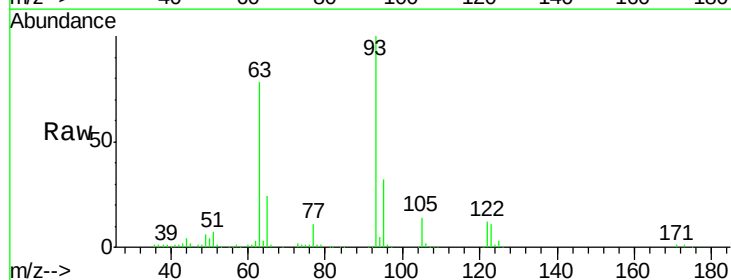
Tgt Ion:122 Resp: 56463

Ion Ratio Lower Upper

122 100

105 118.4 101.1 141.1

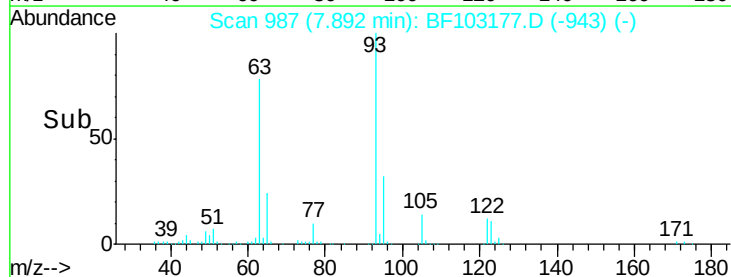
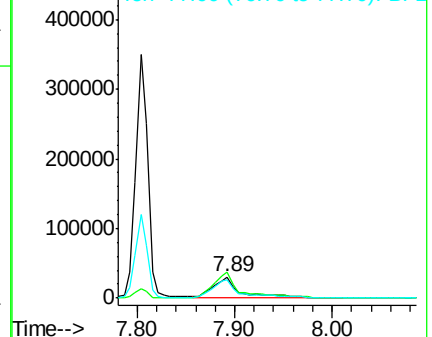
77 87.2 70.7 110.7

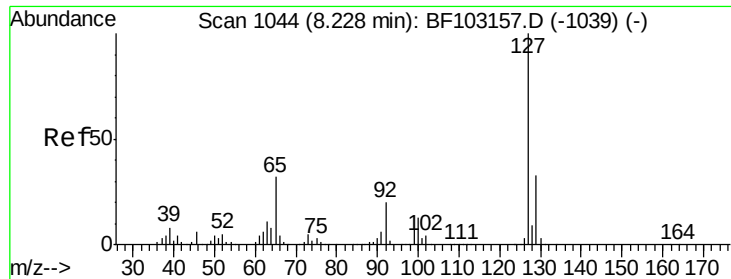


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

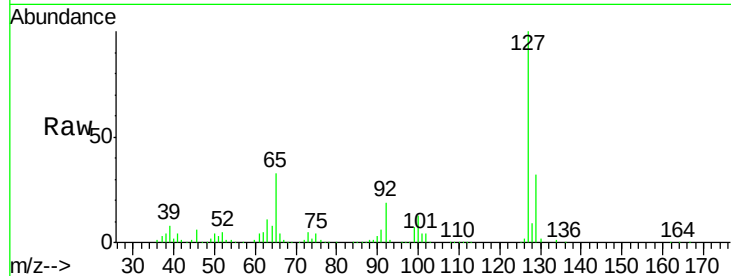




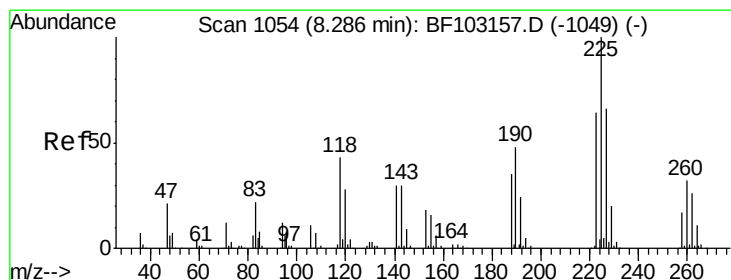
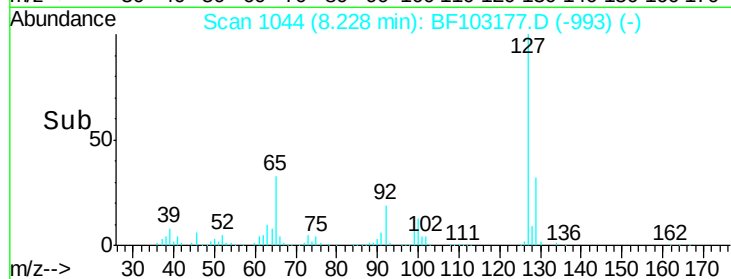
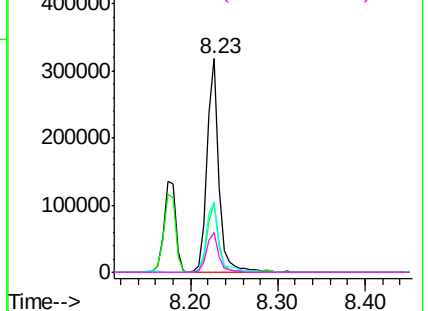
#33
4-Chloroaniline
Concen: 20.427 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

Tot Ion:	127	Resp:	300952
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.2	25.0	37.4
92	18.8	15.2	22.8

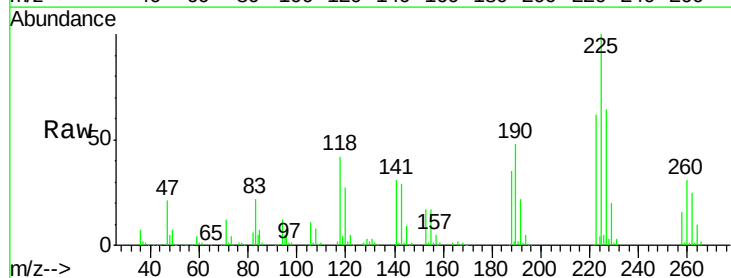


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

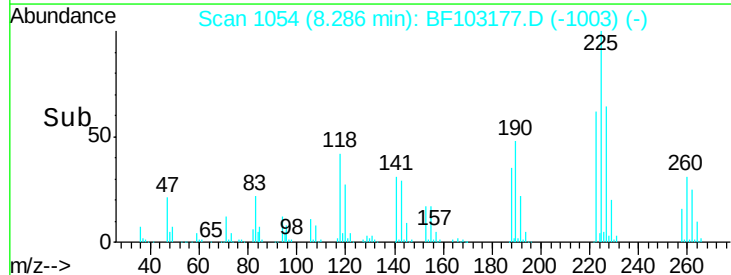
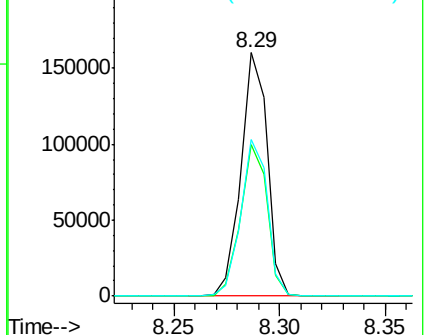


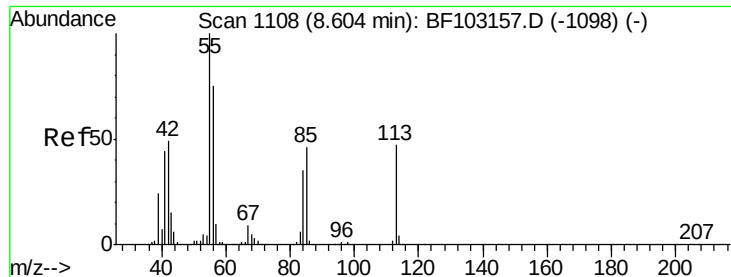
#34
Hexachlorobutadiene
Concen: 26.898 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:	225	Resp:	138161
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	64.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

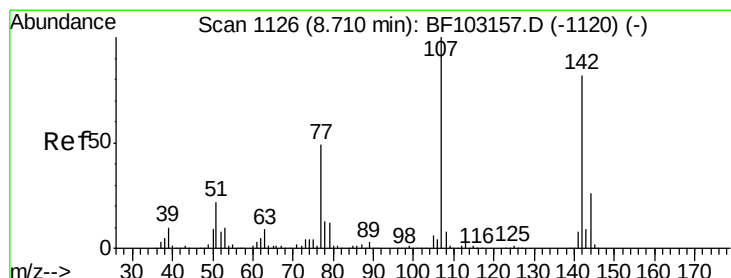
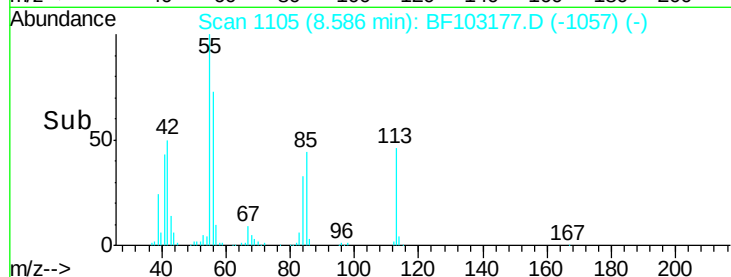
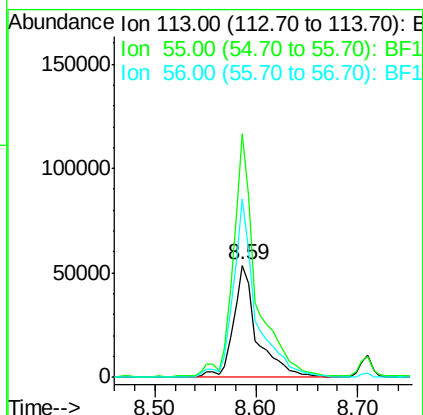
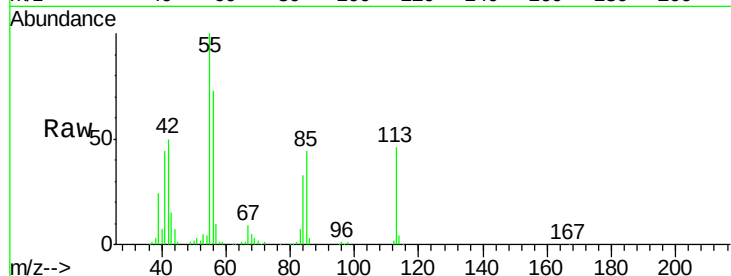




#35
Caprolactam
Concen: 26.691 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

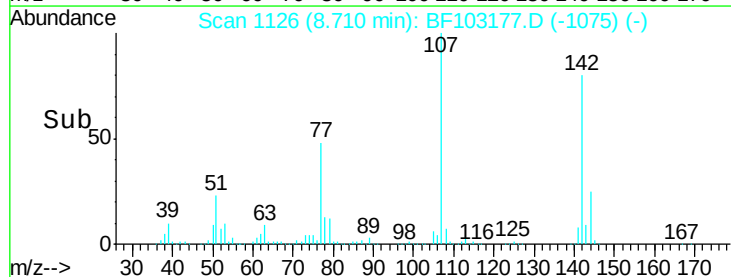
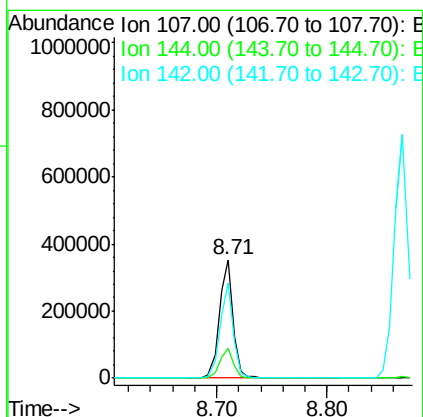
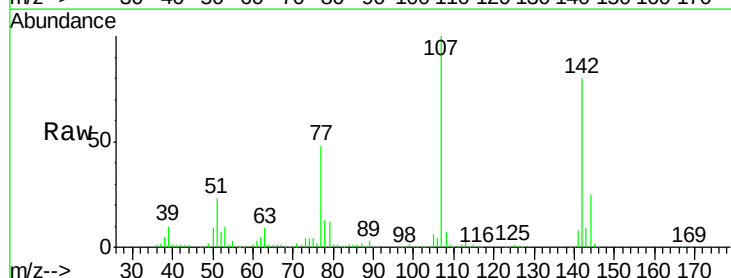
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

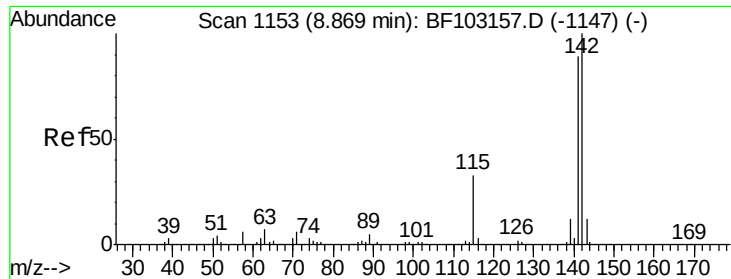
Tot Ion:113 Resp: 86890
Ion Ratio Lower Upper
113 100
55 217.0 163.3 203.3#
56 158.5 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 29.040 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:107 Resp: 303399
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 79.9 62.0 93.0

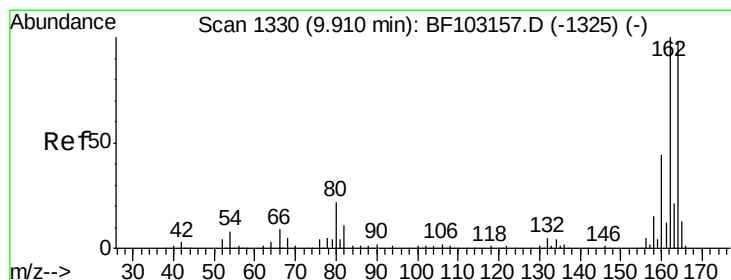
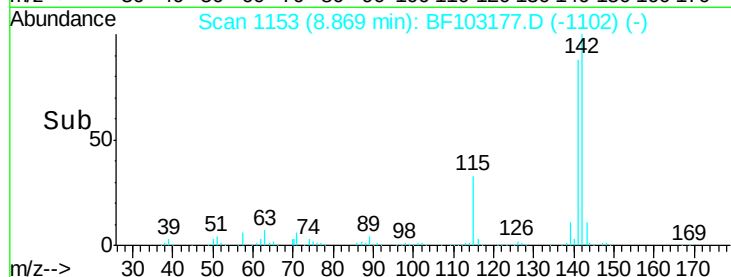
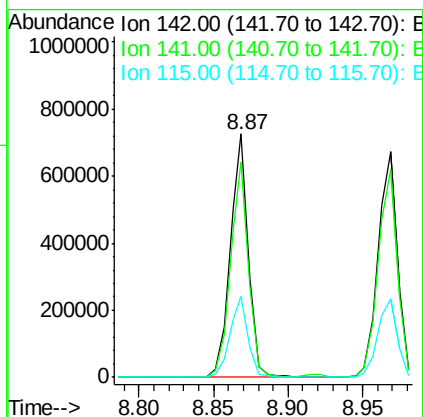
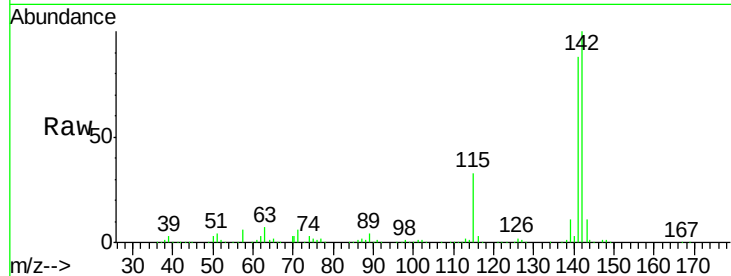




#37
2-Methylnaphthalene
Concen: 28.116 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

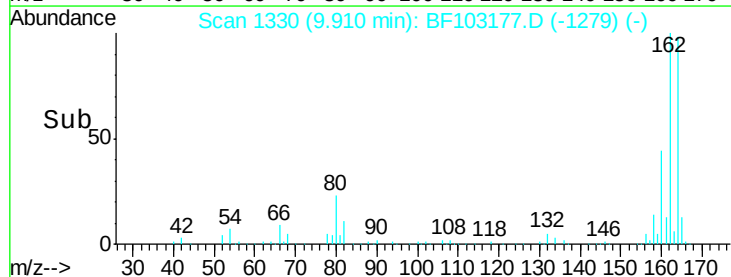
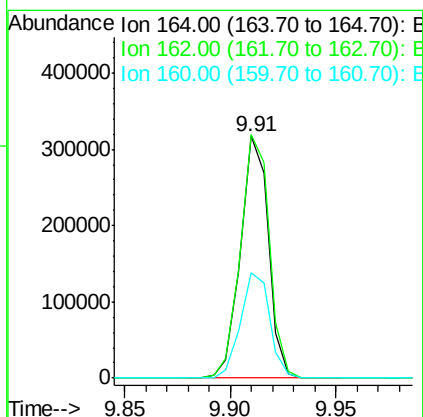
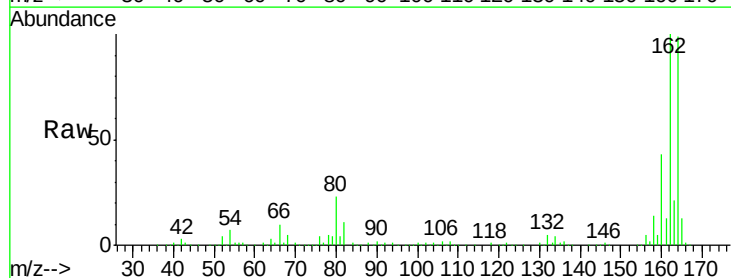
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

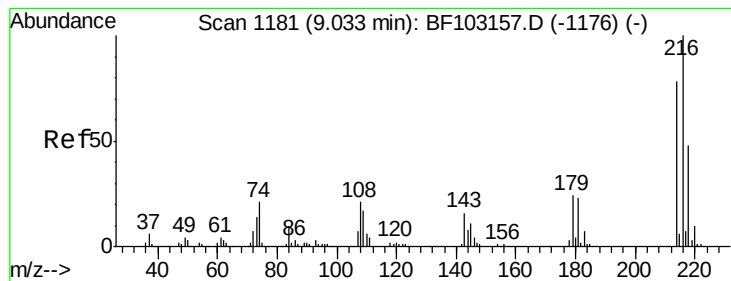
Tot Ion:142 Resp: 620406
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 33.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:164 Resp: 288203
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 43.7 38.3 57.5

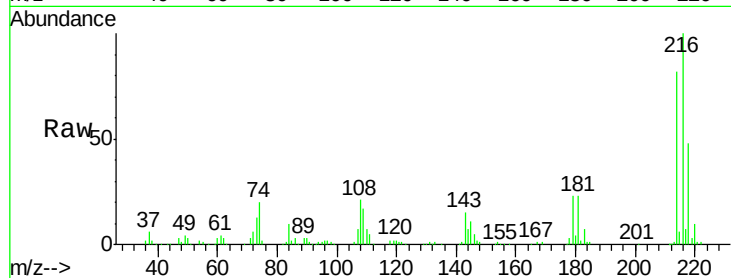




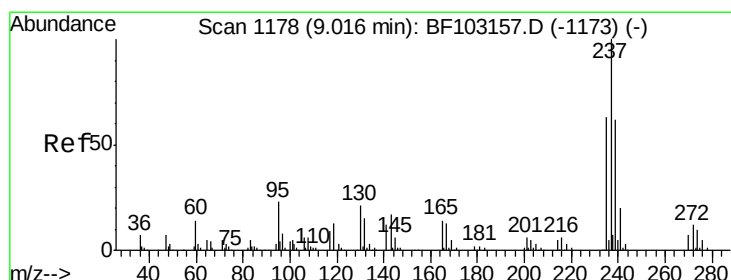
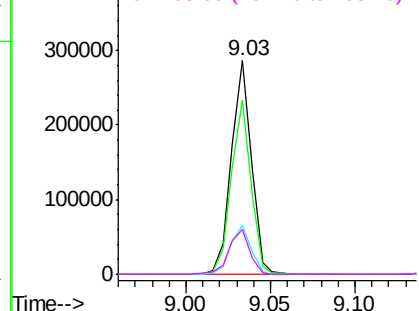
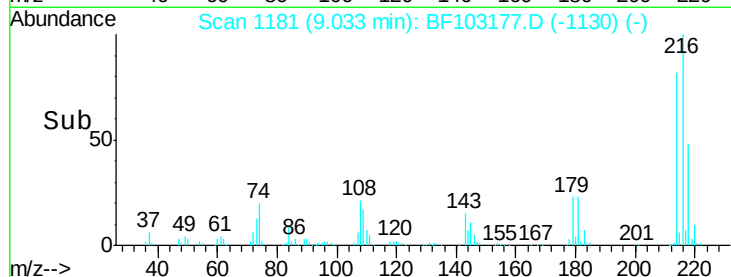
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.779 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

Tot Ion:216	Resp:	234622
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	23.2	18.1 27.1
108	21.8	17.2 25.8

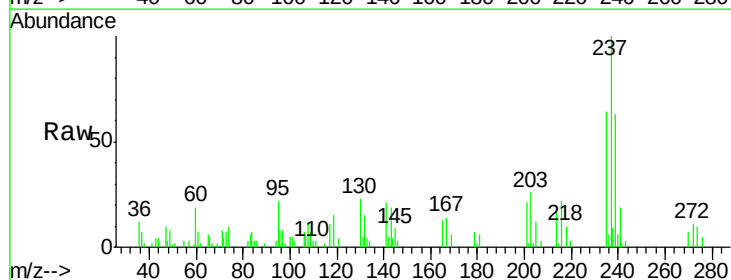


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

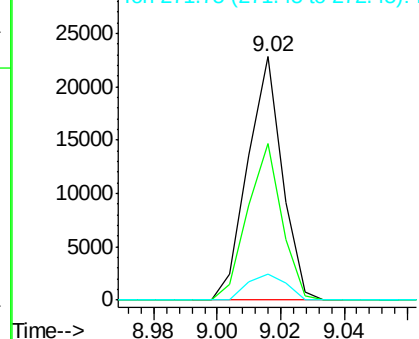
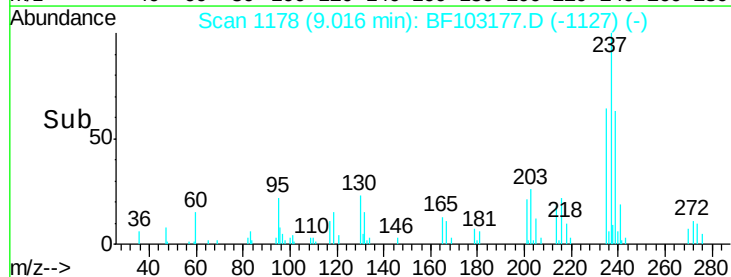


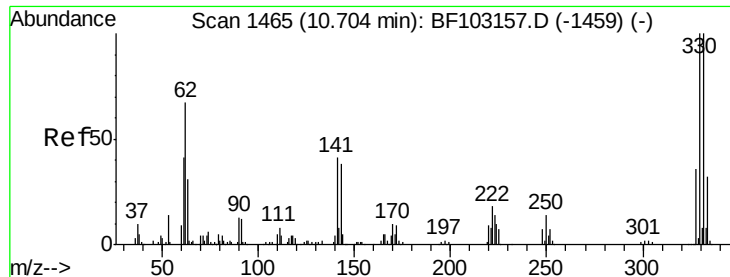
#40
 Hexachlorocyclopentadiene
 Concen: 14.393 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:237	Resp:	17217
Ion Ratio	Lower	Upper
237	100	
235	64.4	44.8 84.8
272	10.9	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

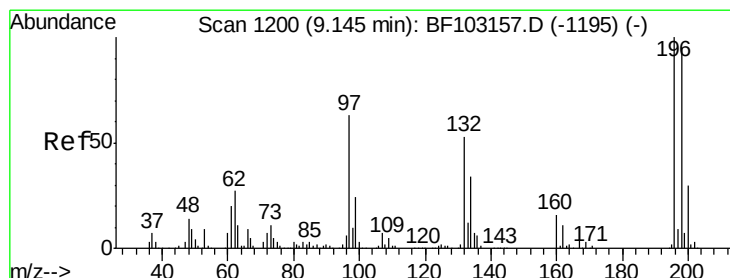
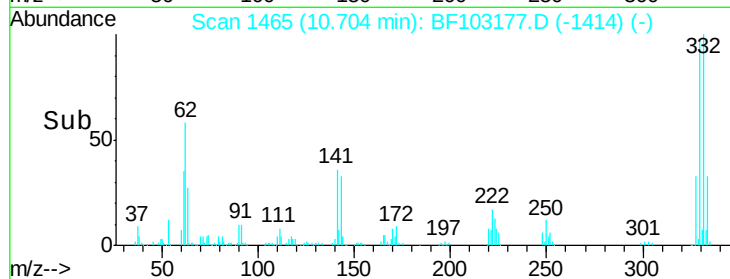
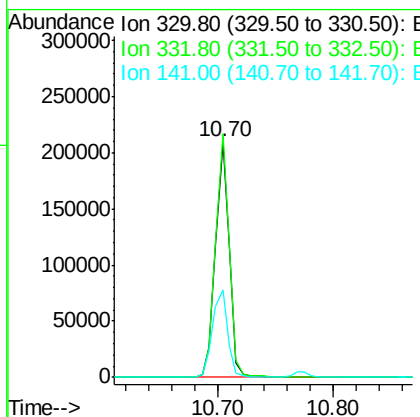
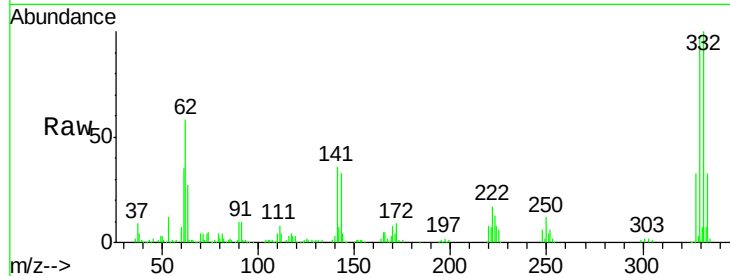




#41
 2,4,6-Tribromophenol
 Concen: 71.628 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

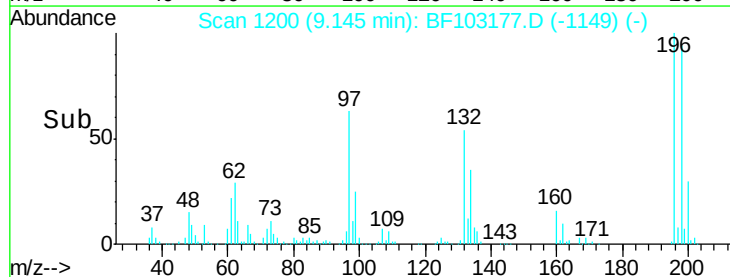
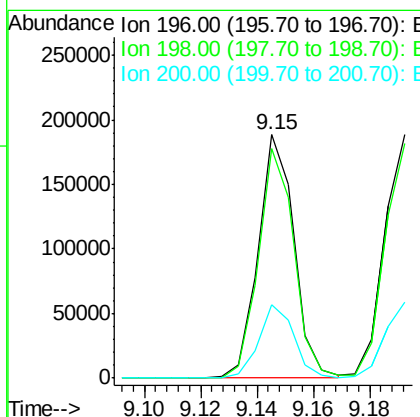
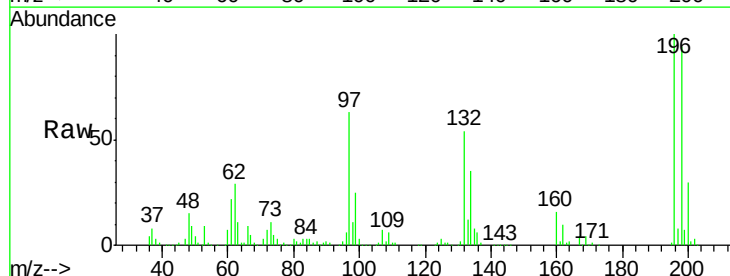
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

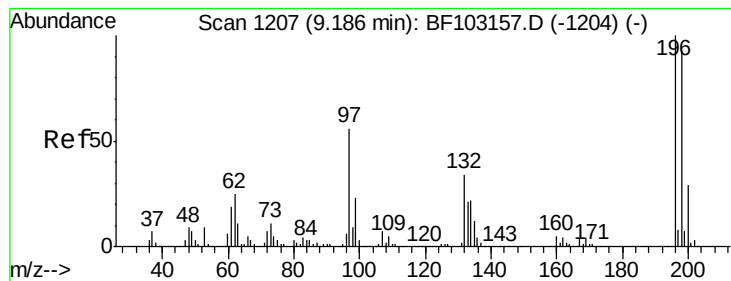
Tot Ion:330 Resp: 174734
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 40.8 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 31.204 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:196 Resp: 165427
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 30.0 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 27.804 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

Tot Ion:196 Resp: 169538

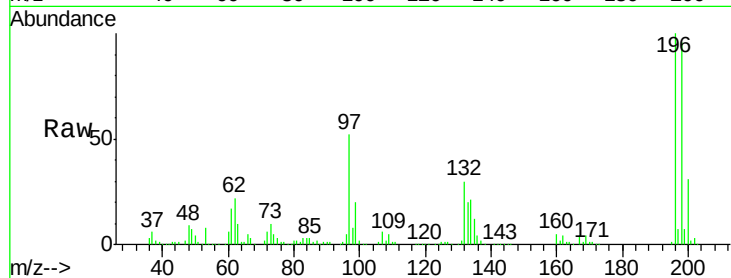
Ion Ratio Lower Upper

196 100

198 96.4 74.6 112.0

97 52.5 42.9 64.3

132 30.2 26.3 39.5

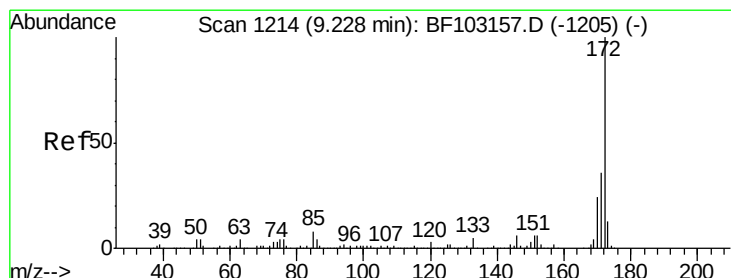
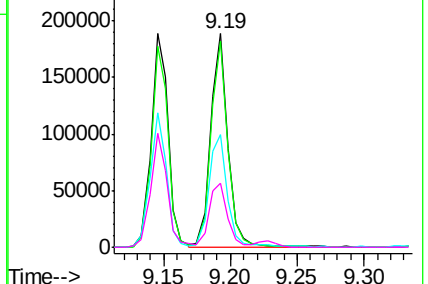
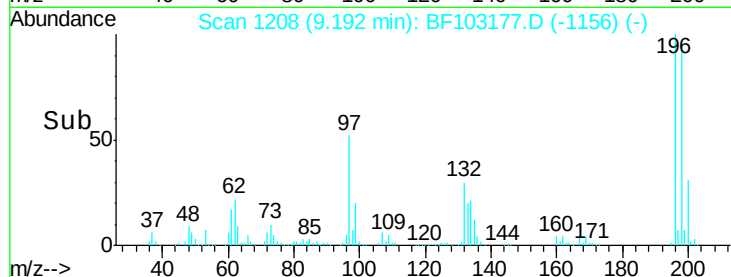


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 60.108 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

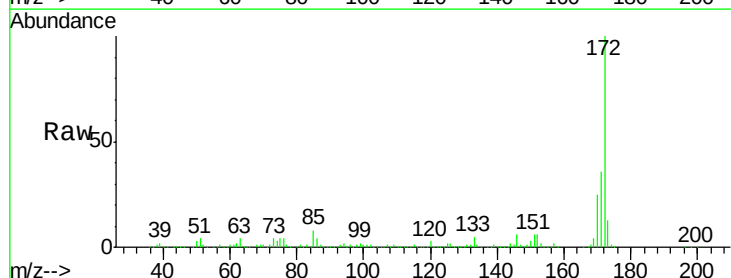
Tgt Ion:172 Resp: 1080168

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

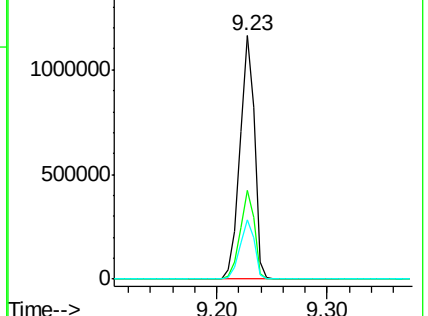
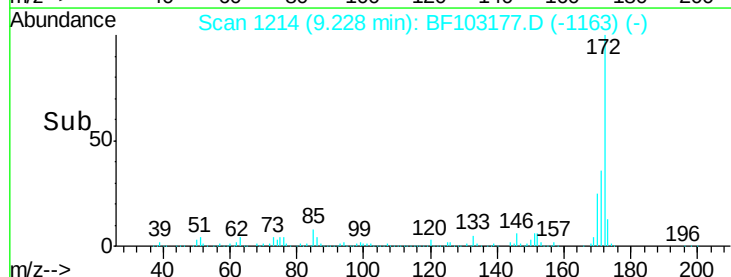
170 24.6 19.6 29.4

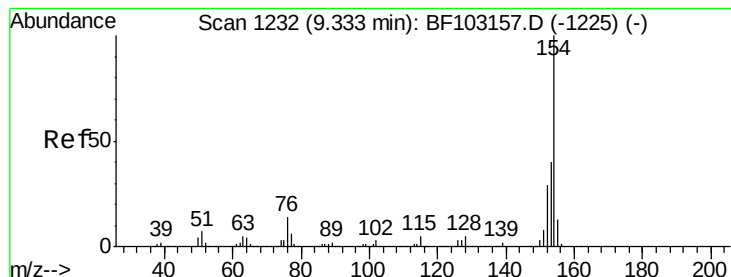


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 29.303 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

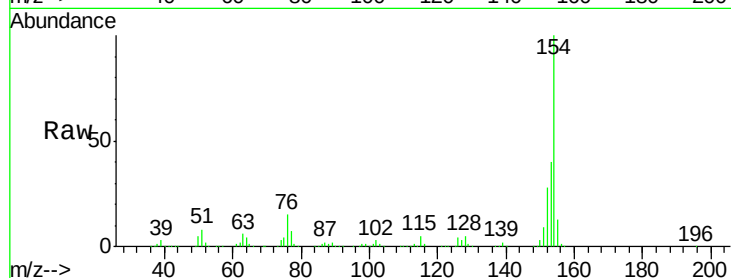
Tot Ion:154 Resp: 707673

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

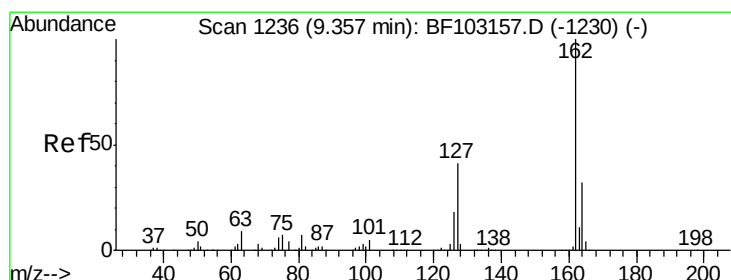
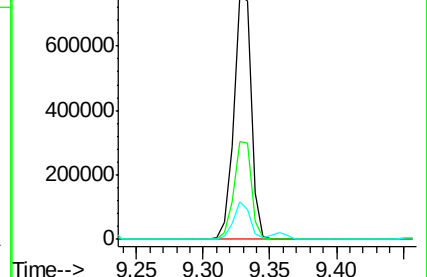
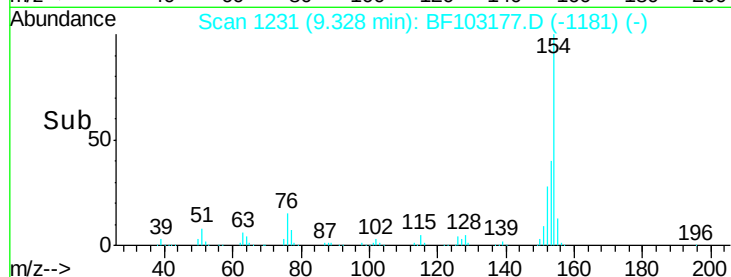
76 15.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 29.247 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

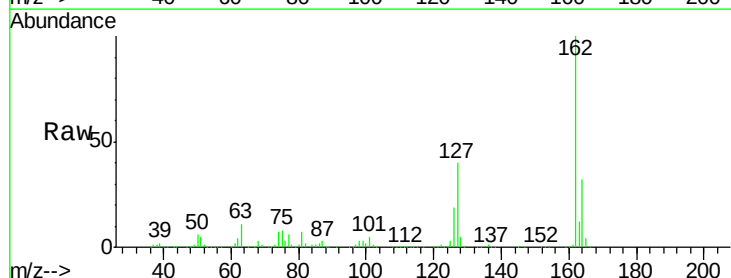
Tgt Ion:162 Resp: 558786

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

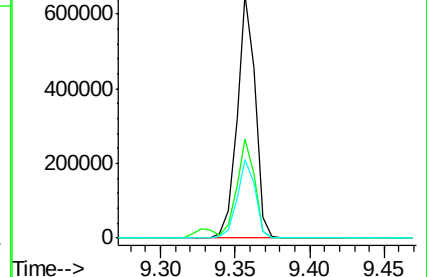
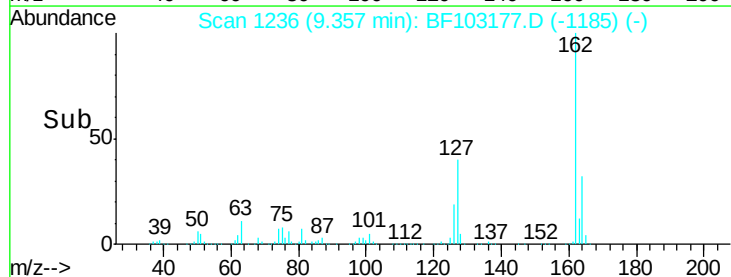
164 32.3 26.5 39.7

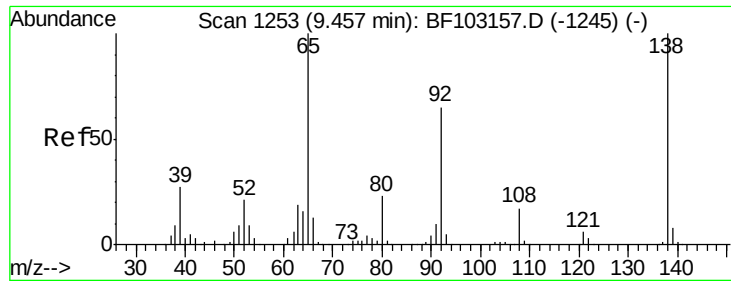


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

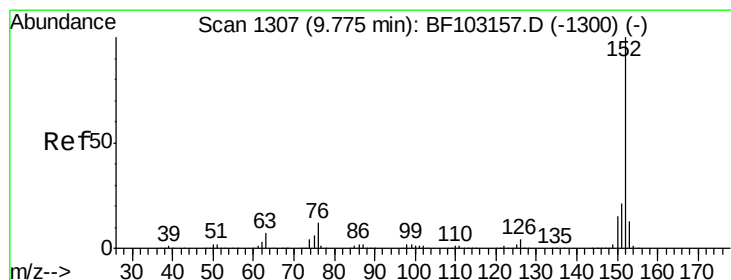
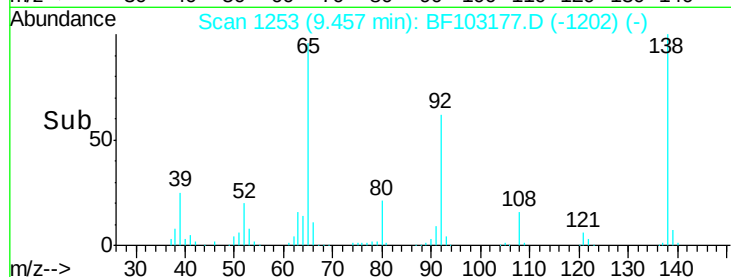
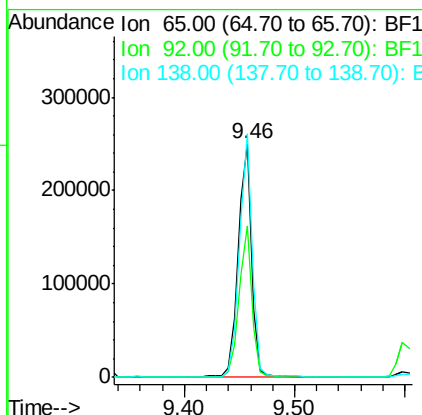
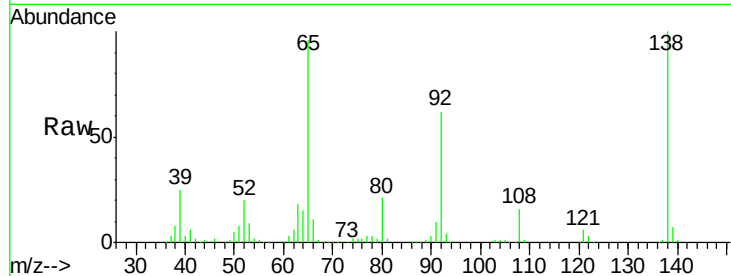




#47
2-Nitroaniline
Concen: 30.351 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

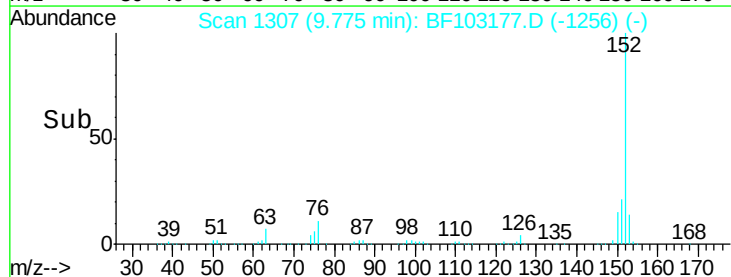
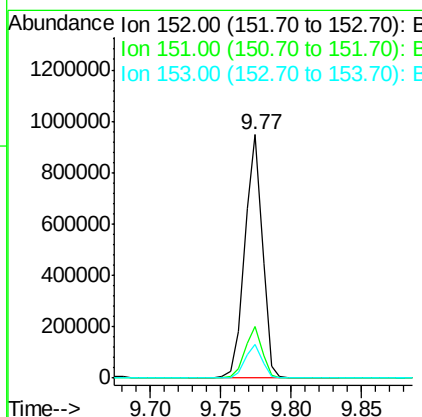
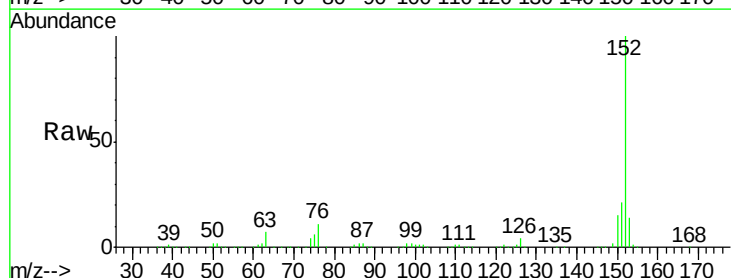
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

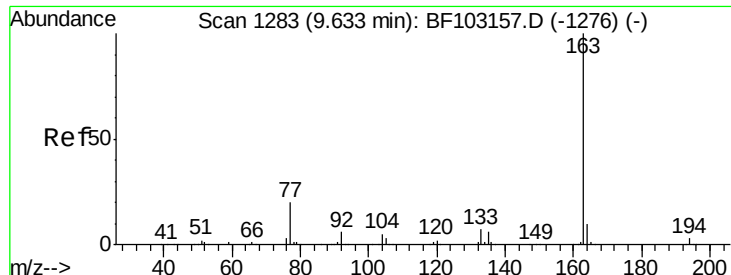
Tot Ion: 65 Resp: 214800
Ion Ratio Lower Upper
65 100
92 64.5 55.8 83.6
138 104.1 91.2 136.8



#48
Acenaphthylene
Concen: 27.874 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion: 152 Resp: 819400
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.7 10.7 16.1

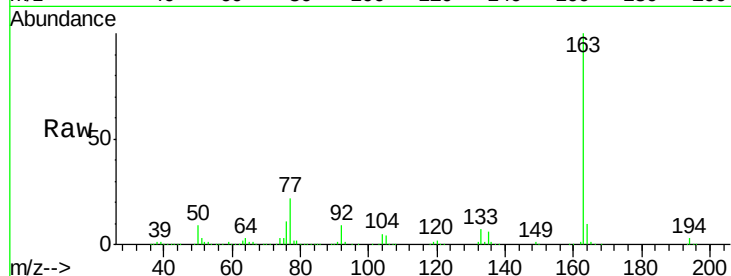




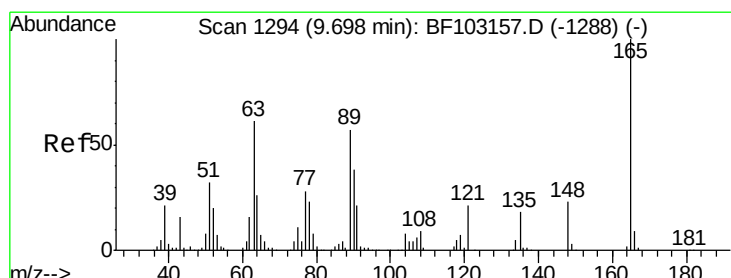
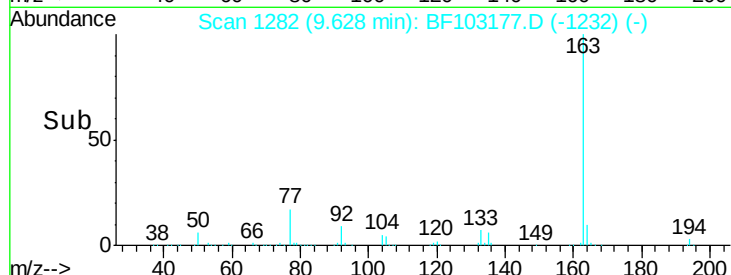
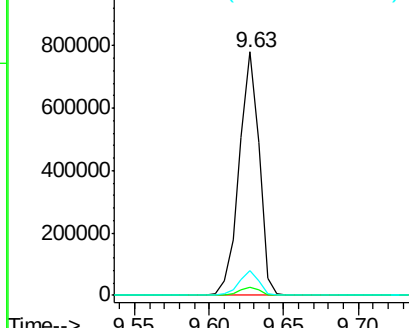
#49
Dimethylphthalate
Concen: 31.690 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

Tot Ion:163 Resp: 732677
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

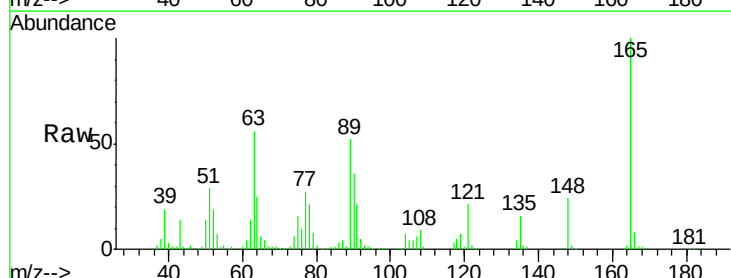


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

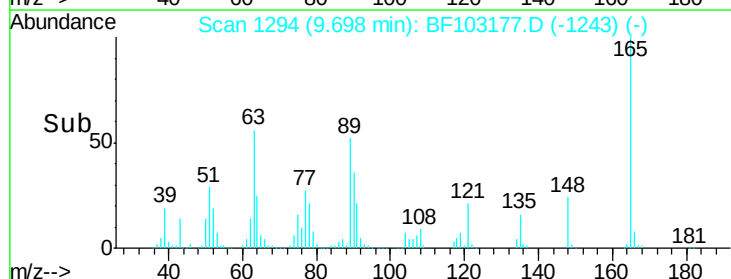
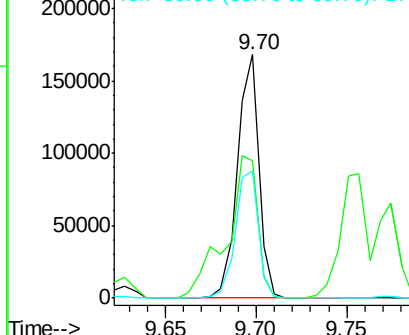


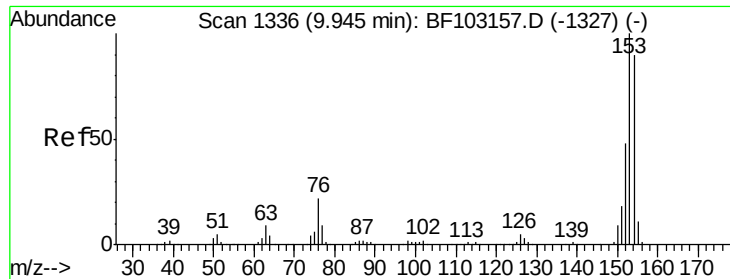
#50
2,6-Dinitrotoluene
Concen: 28.543 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:165 Resp: 138485
Ion Ratio Lower Upper
165 100
63 56.4 44.7 67.1
89 52.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 27.273 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

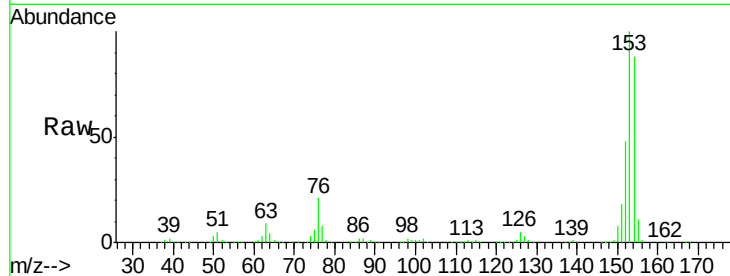
Tot Ion:154 Resp: 467498

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

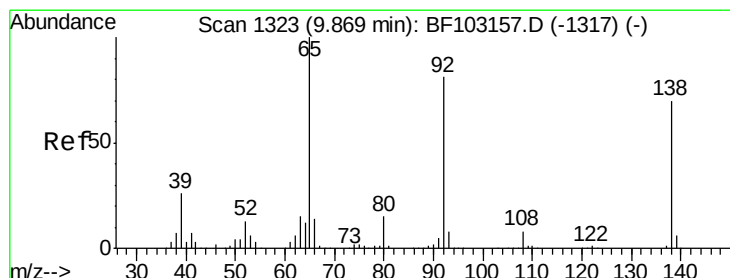
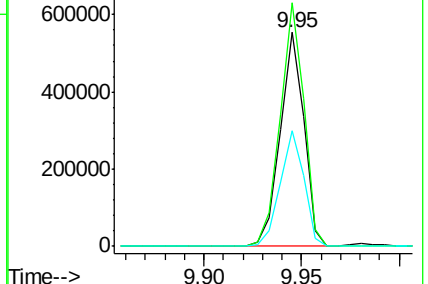
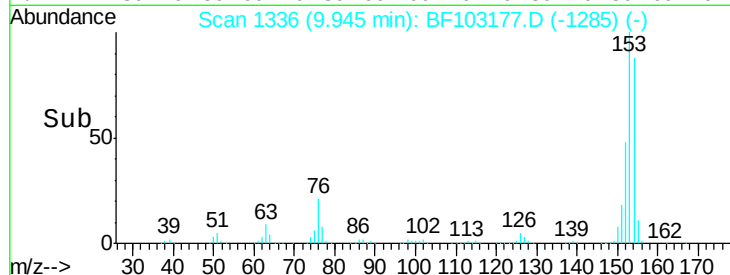
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.592 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

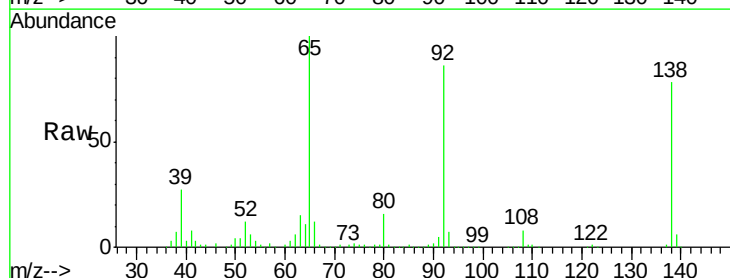
Tgt Ion:138 Resp: 151376

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

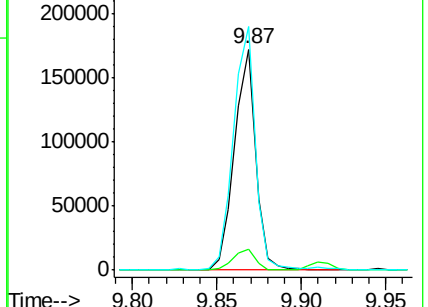
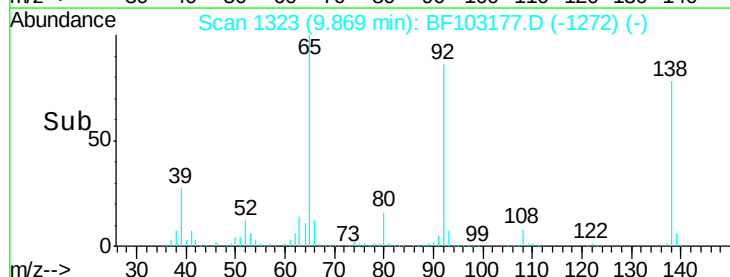
92 110.2 89.4 134.2

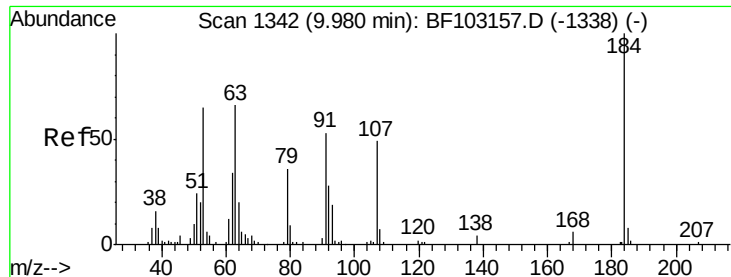


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

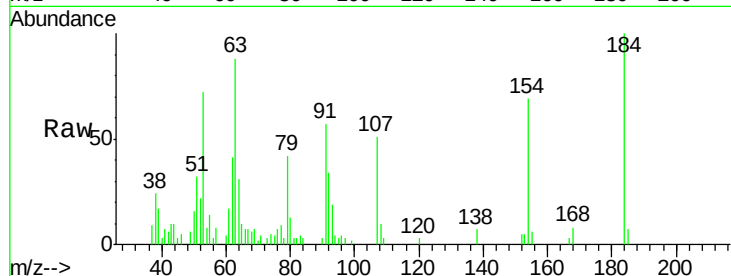




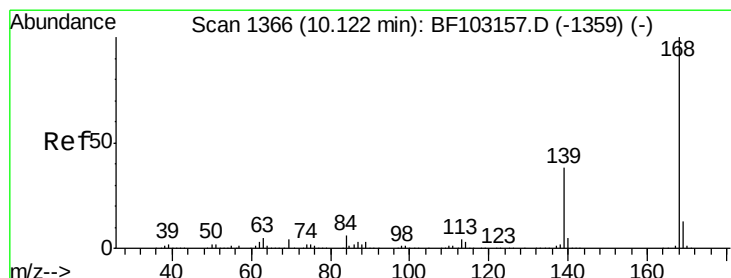
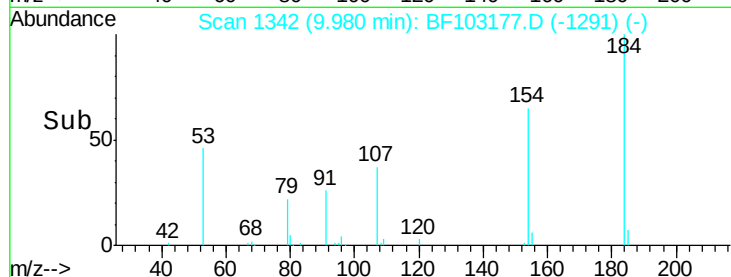
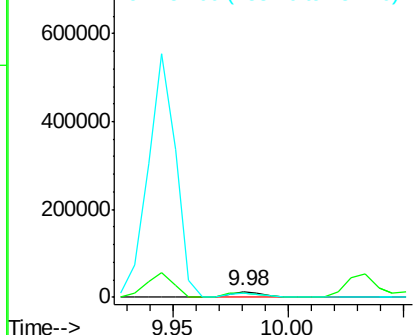
#53
2,4-Dinitrophenol
Concen: 16.649 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

Tot Ion:184 Resp: 14001
Ion Ratio Lower Upper
184 100
63 88.1 54.2 81.2#
154 68.5 184.0 276.0#

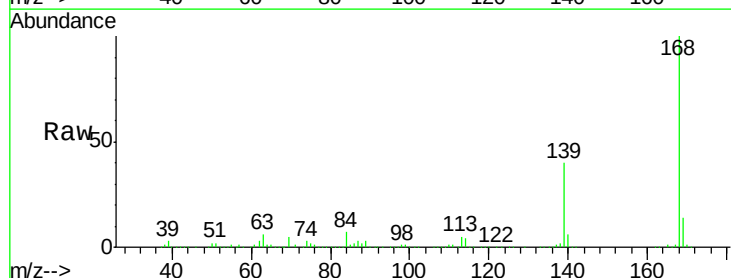


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

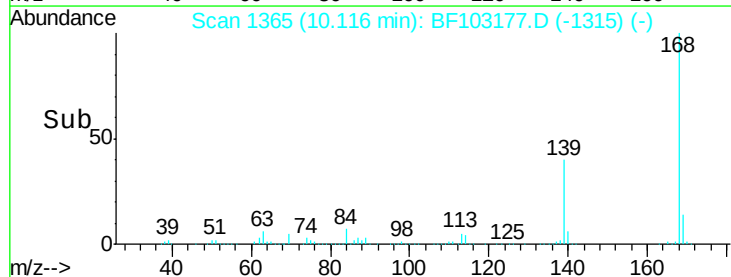
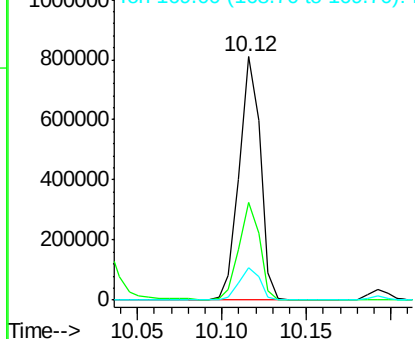


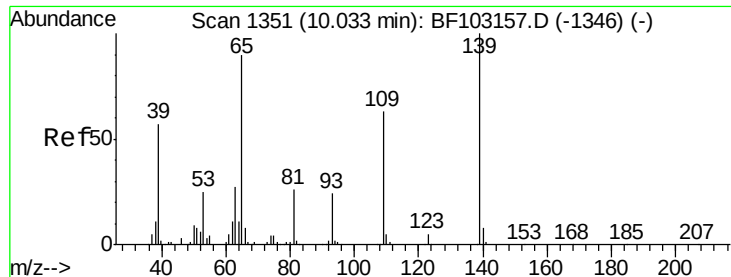
#54
Dibenzofuran
Concen: 30.158 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:168 Resp: 709641
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

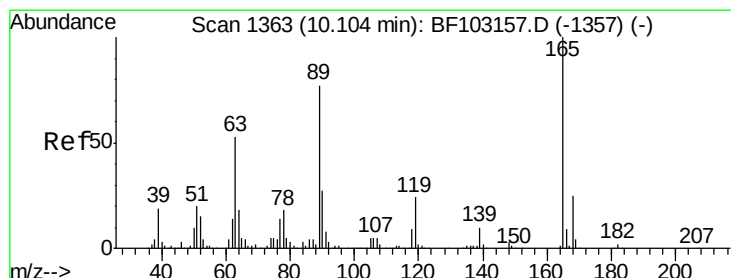
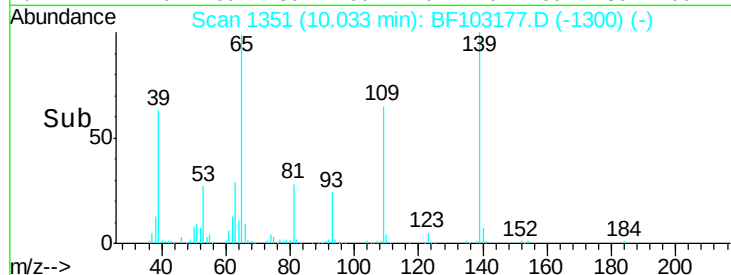
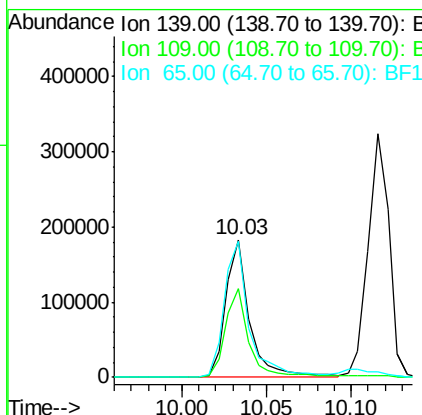
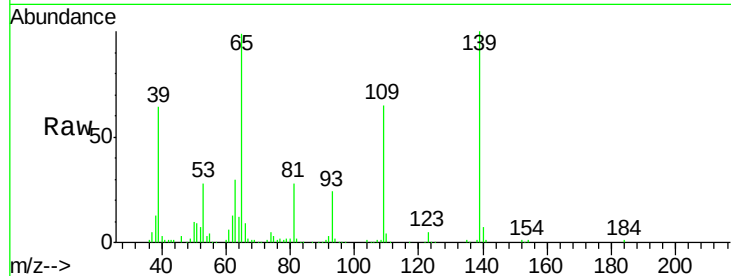




#55
4-Nitrophenol
Concen: 47.059 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

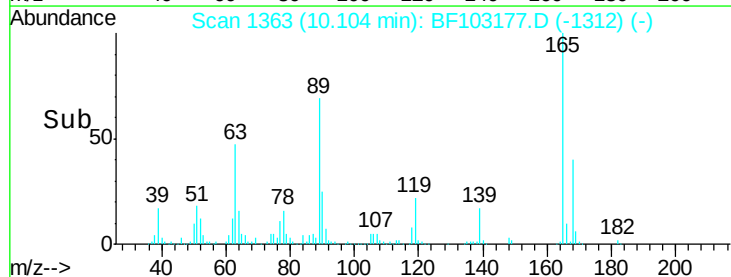
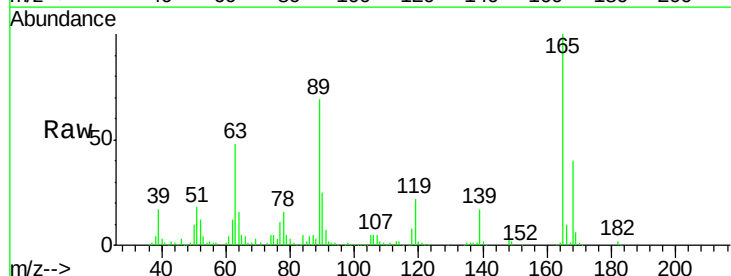
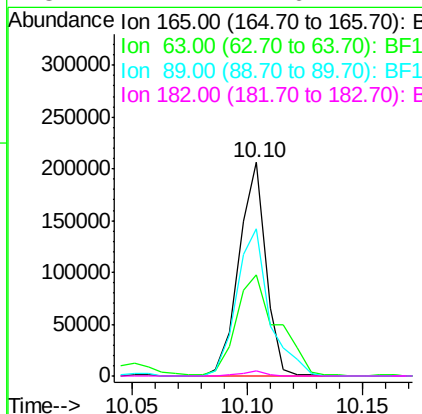
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

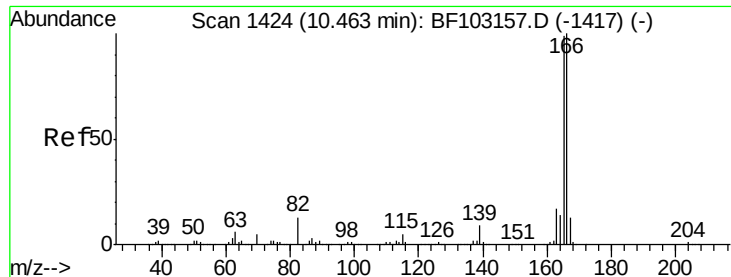
Tot Ion:139 Resp: 179536
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 98.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 27.580 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:165 Resp: 169237
Ion Ratio Lower Upper
165 100
63 47.5 36.4 54.6
89 68.8 57.8 86.6
182 2.1 1.6 2.4

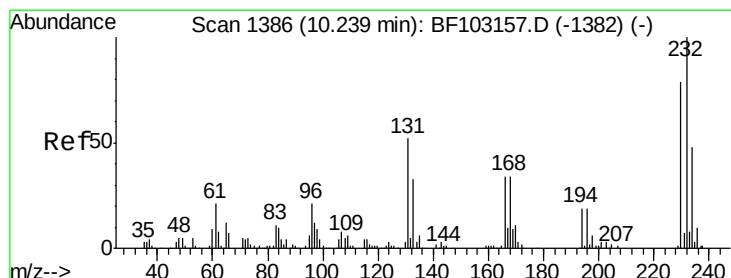
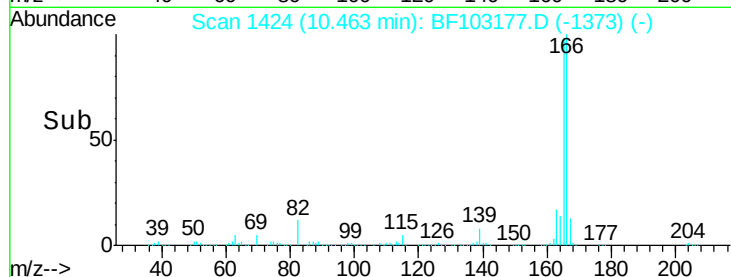
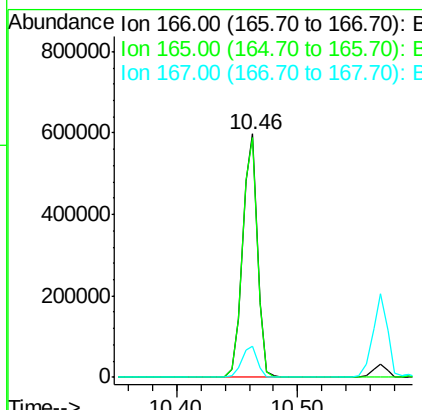
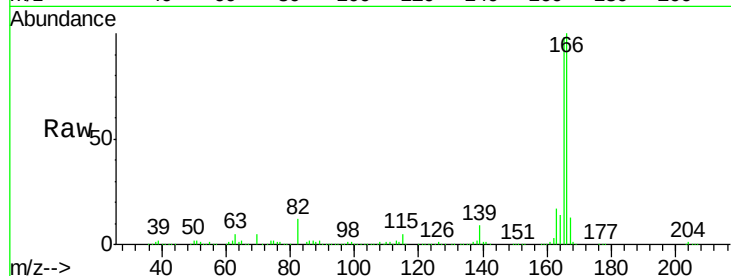




#57
Fluorene
Concen: 25.570 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

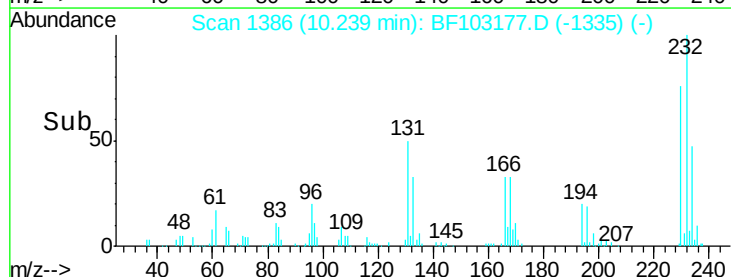
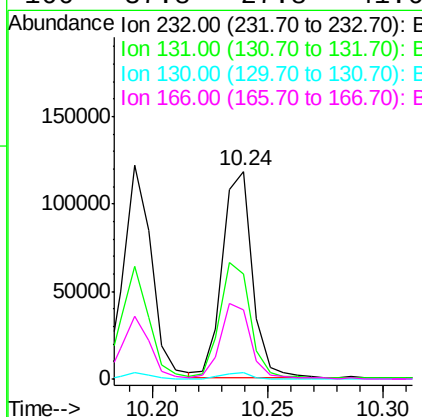
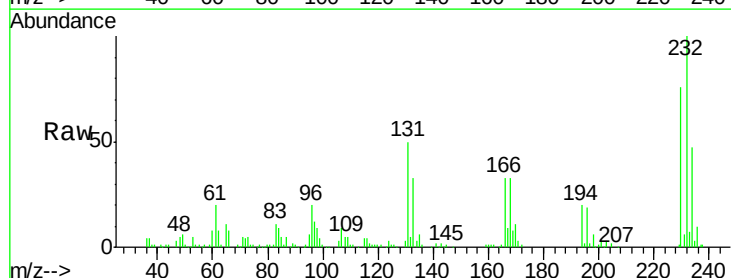
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

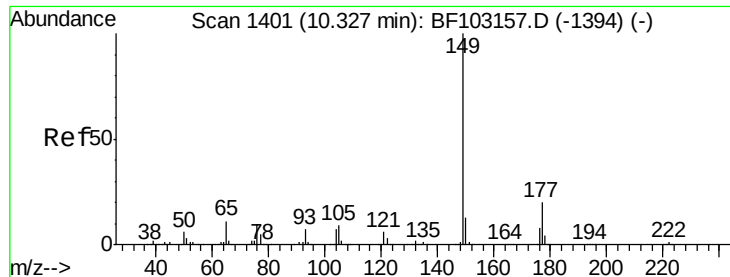
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.0	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 26.075 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.8	43.8	65.8
130	2.9	2.1	3.1
166	37.8	27.8	41.6

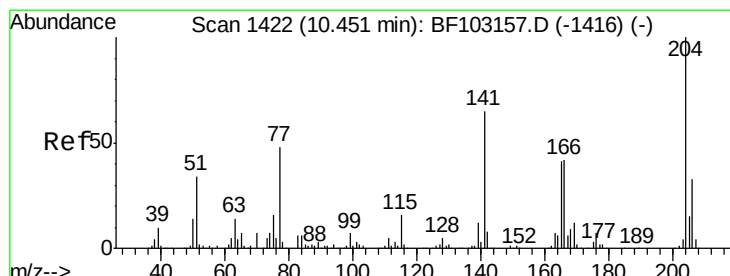
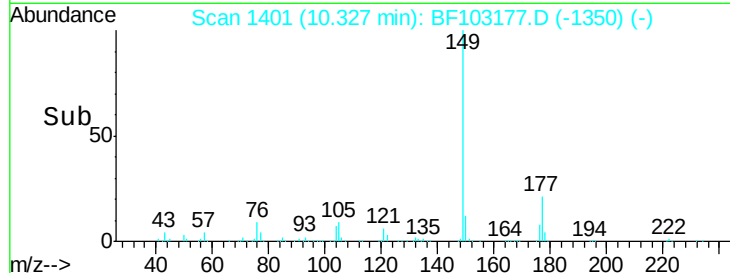
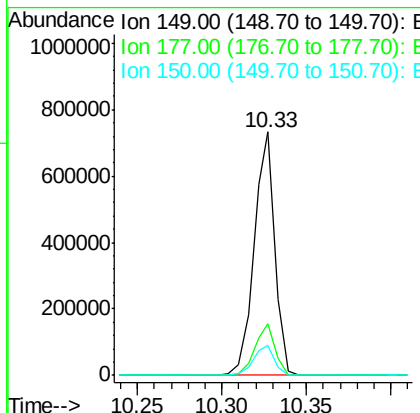
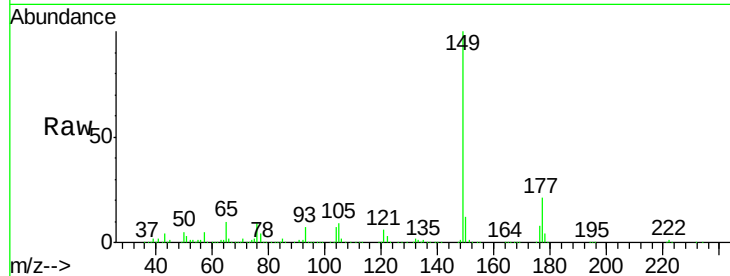




#59
Diethylphthalate
Concen: 28.389 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

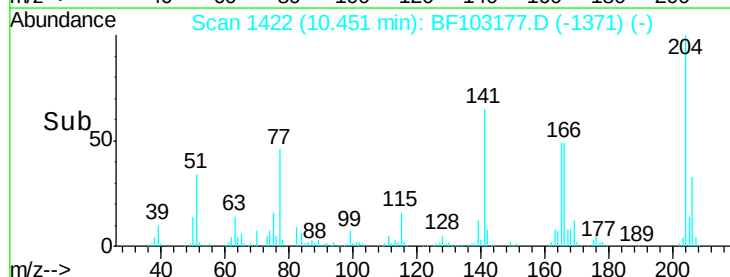
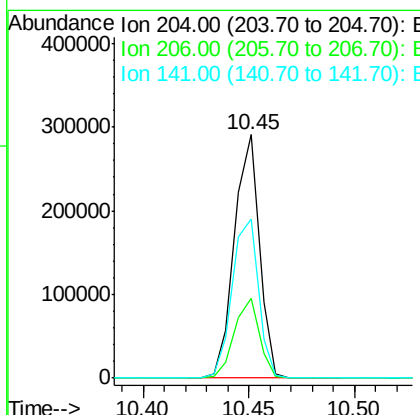
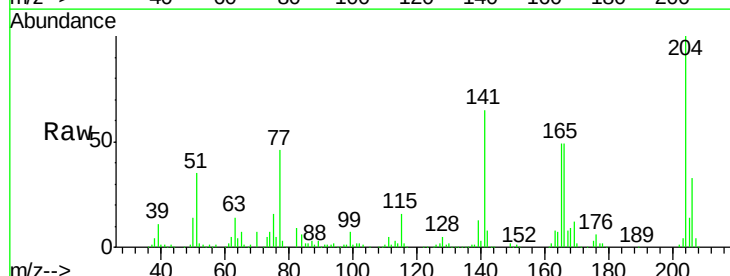
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

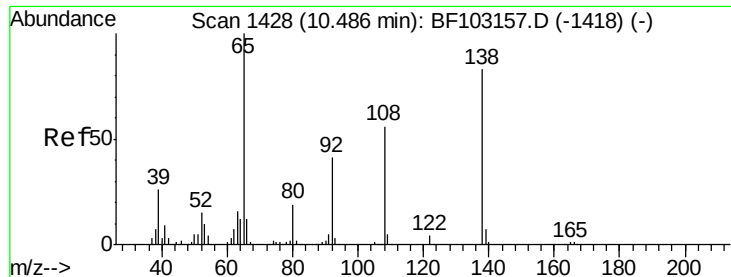
Tot Ion:149 Resp: 627752
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.962 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:204 Resp: 237684
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 65.2 54.6 81.8

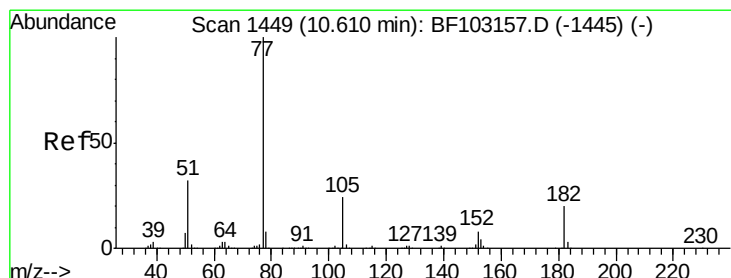
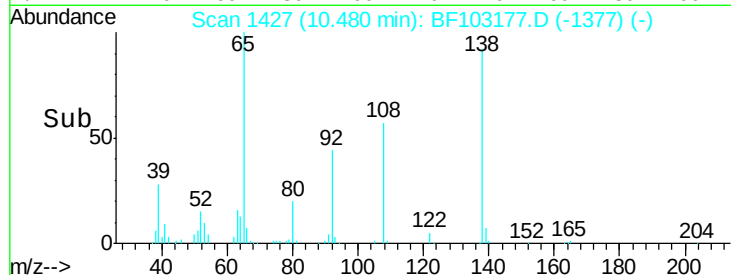
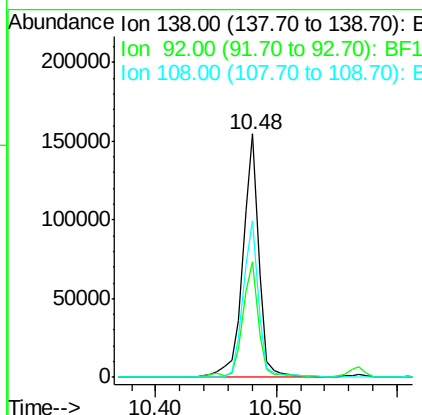
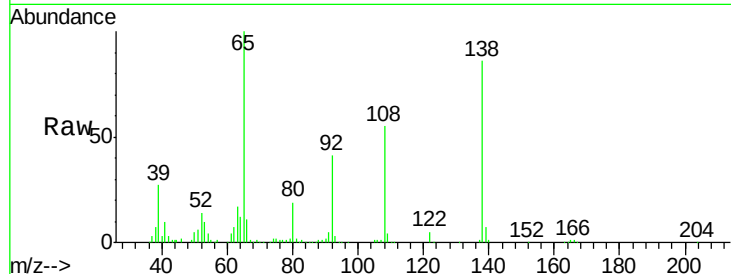




#61
 4-Nitroaniline
 Concen: 23.489 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

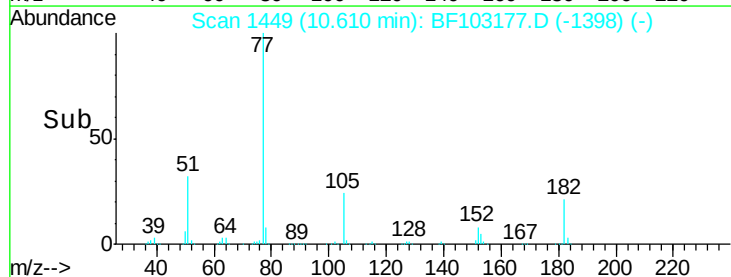
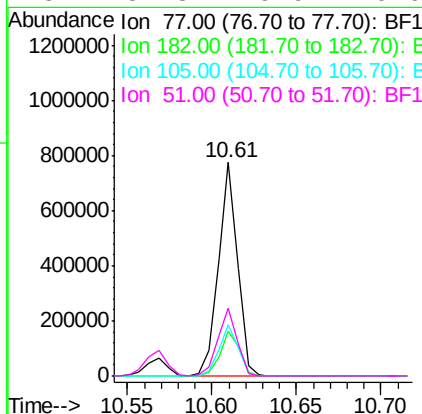
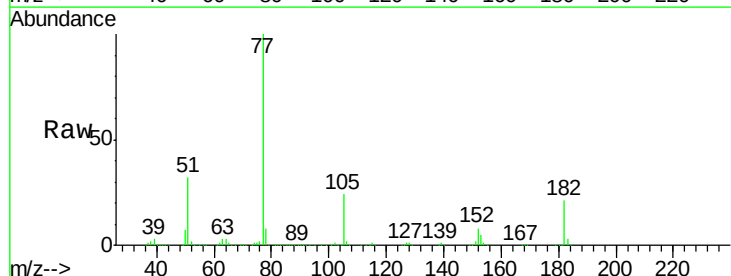
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

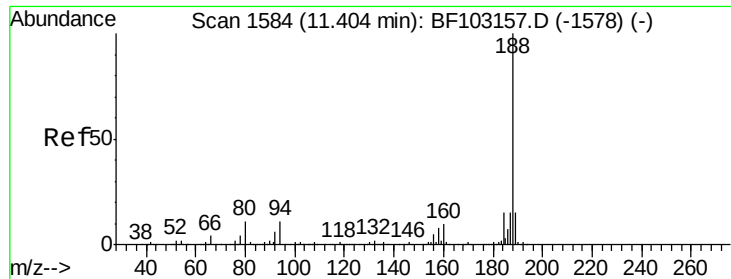
Tot Ion:138 Resp: 144421
 Ion Ratio Lower Upper
 138 100
 92 47.7 30.2 70.2
 108 64.2 52.5 92.5



#62
 Azobenzene
 Concen: 27.307 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion: 77 Resp: 614615
 Ion Ratio Lower Upper
 77 100
 182 20.7 1.7 41.7
 105 23.9 3.0 43.0
 51 31.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

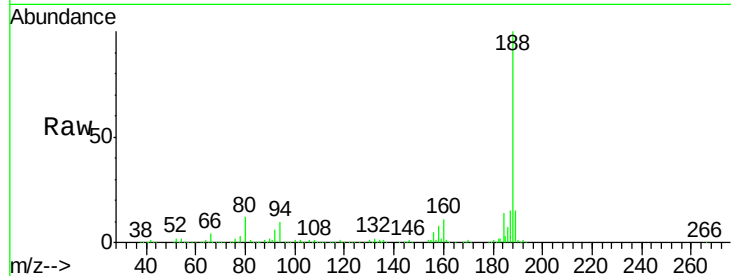
Tot Ion:188 Resp: 388560

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

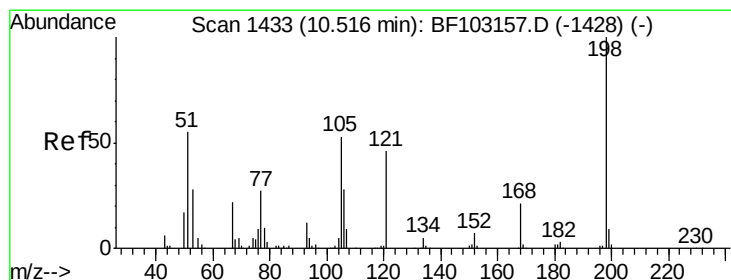
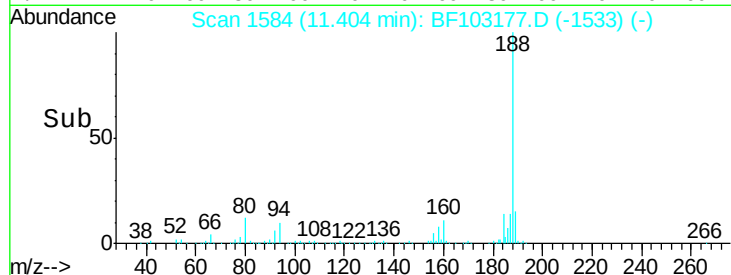
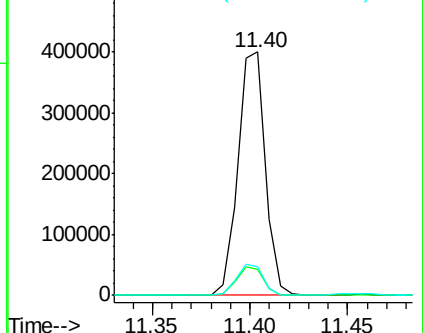
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 11.302 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

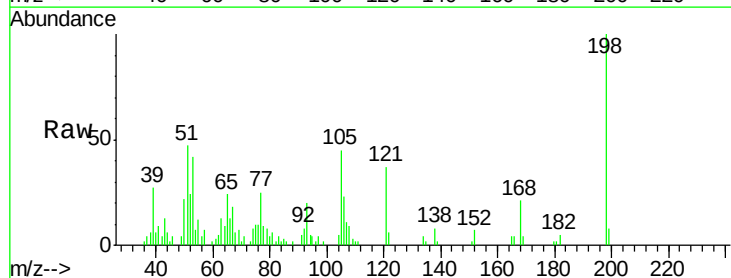
Tgt Ion:198 Resp: 16754

Ion Ratio Lower Upper

198 100

51 47.1 37.7 77.7

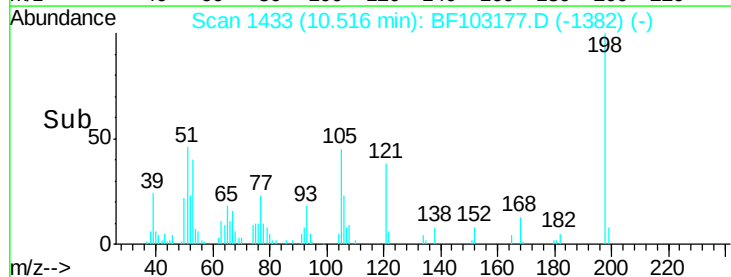
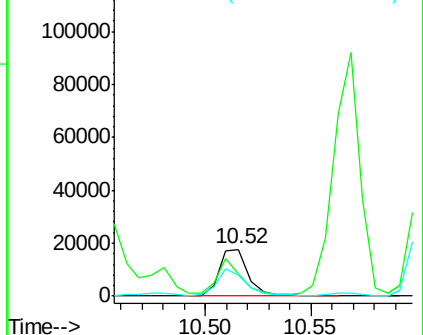
105 44.6 36.3 76.3

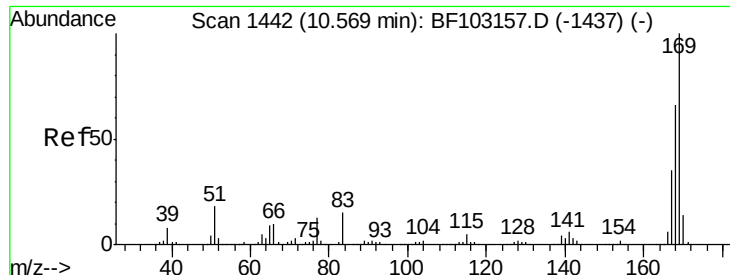


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

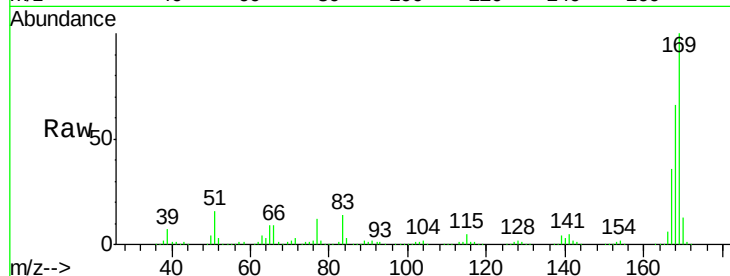




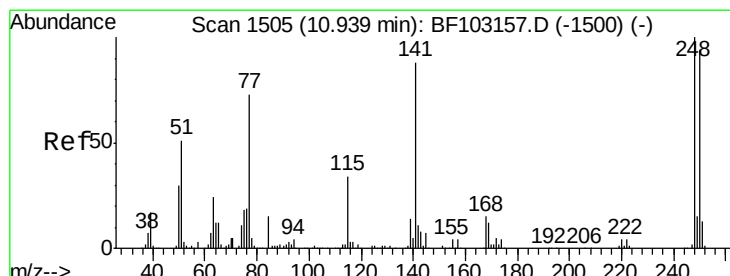
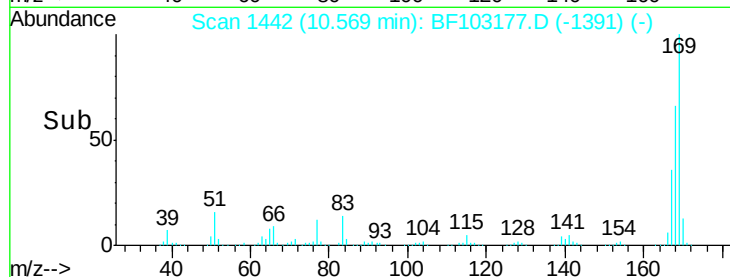
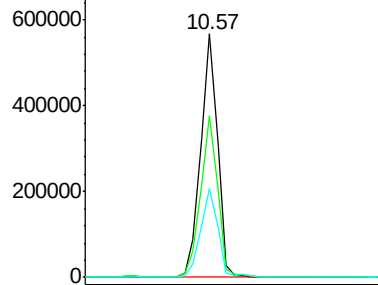
#65
 n-Nitrosodiphenylamine
 Concen: 34.923 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

Tot Ion:169 Resp: 472474
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.4 29.8 44.6

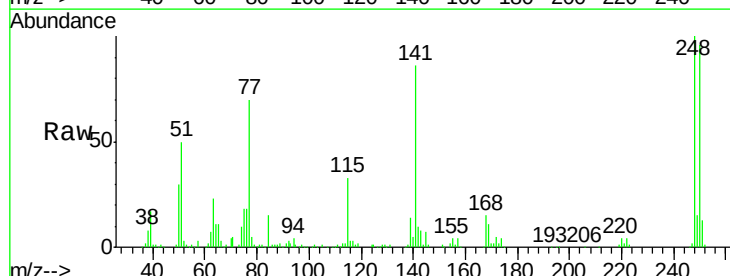


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

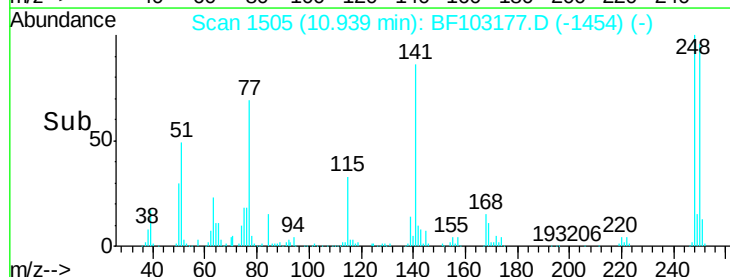
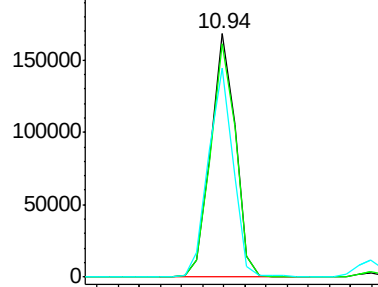


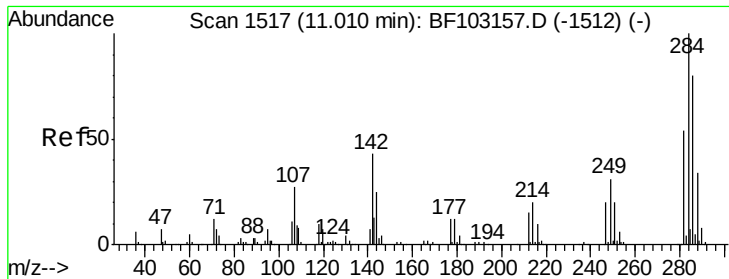
#66
 4-Bromophenyl-phenylether
 Concen: 33.453 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:248 Resp: 135405
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.9 115.3
 141 86.0 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

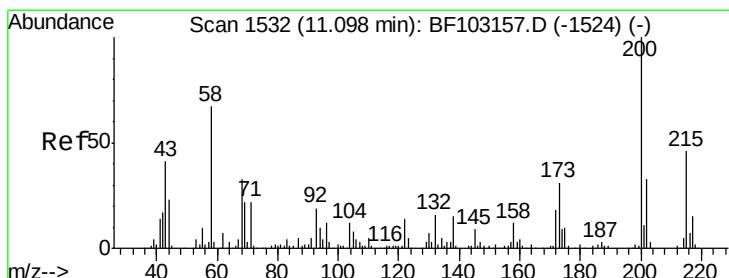
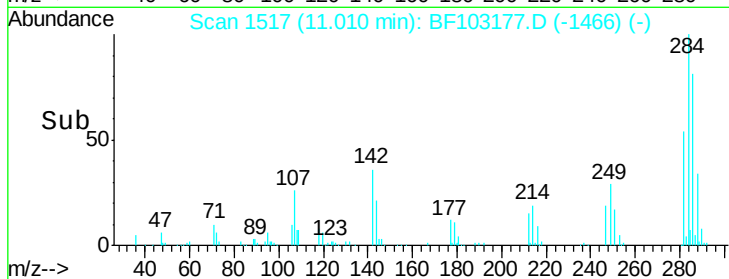
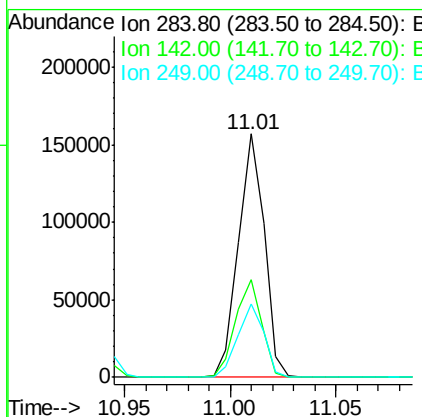
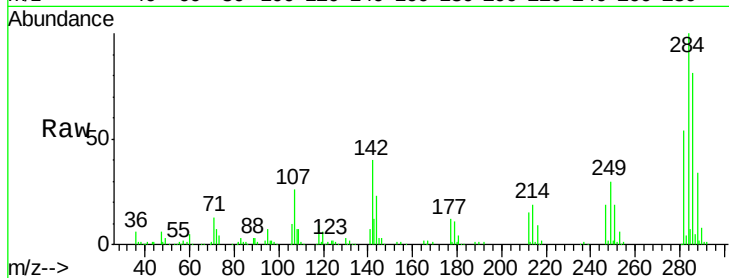




#67
Hexachlorobenzene
Concen: 30.385 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

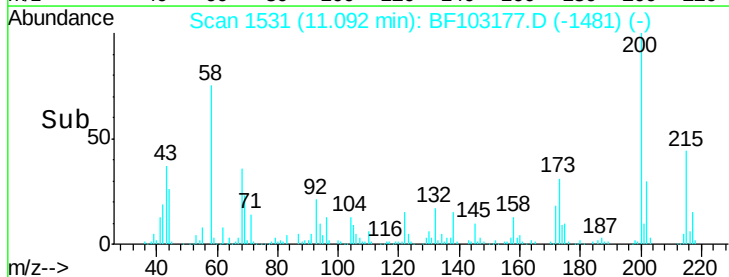
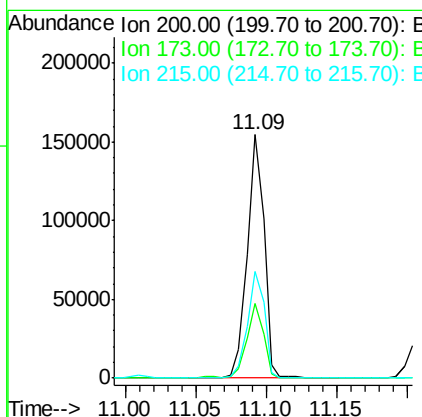
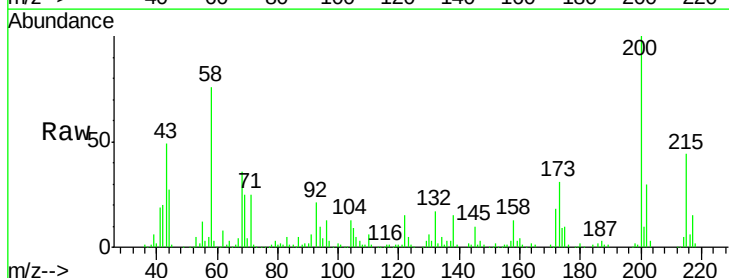
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

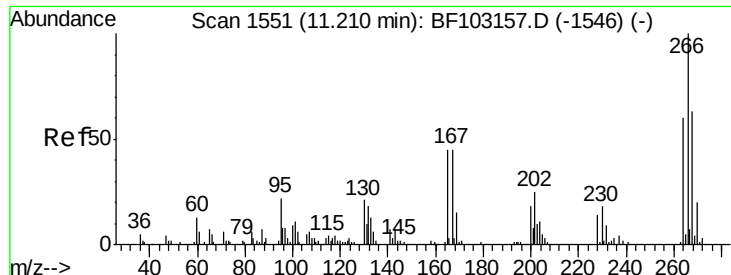
Tot Ion:284 Resp: 133491
Ion Ratio Lower Upper
284 100
142 39.9 34.6 52.0
249 30.0 24.8 37.2



#68
Atrazine
Concen: 31.924 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:200 Resp: 129815
Ion Ratio Lower Upper
200 100
173 30.9 8.6 48.6
215 43.7 25.1 65.1

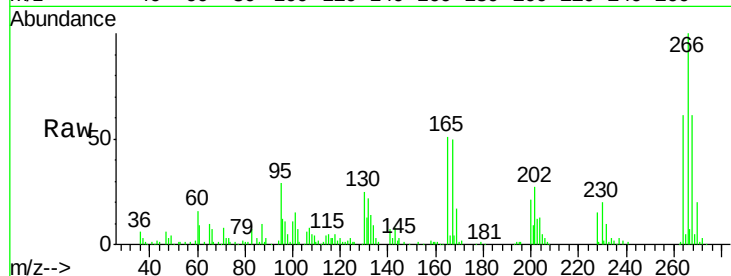




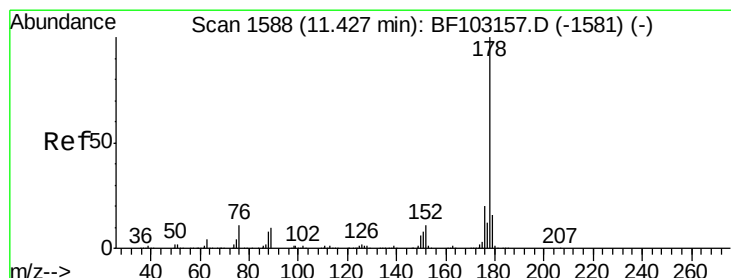
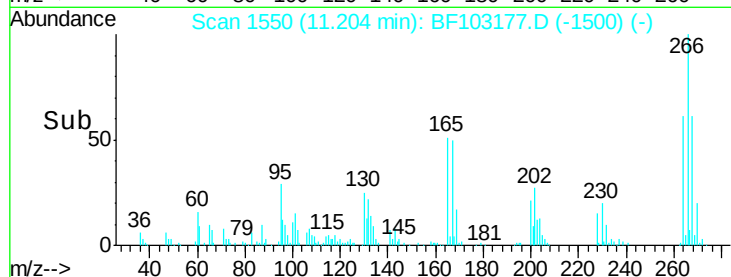
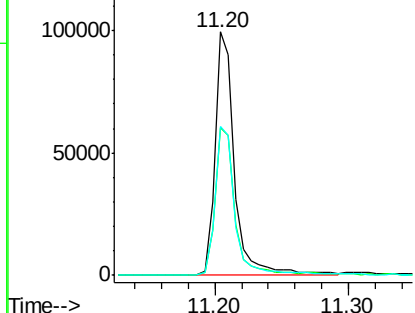
#69
 Pentachlorophenol
 Concen: 48.383 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

Tot Ion:266 Resp: 102778
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 61.1 49.5 74.3

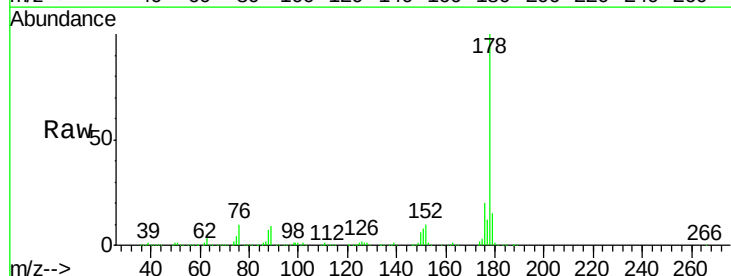


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

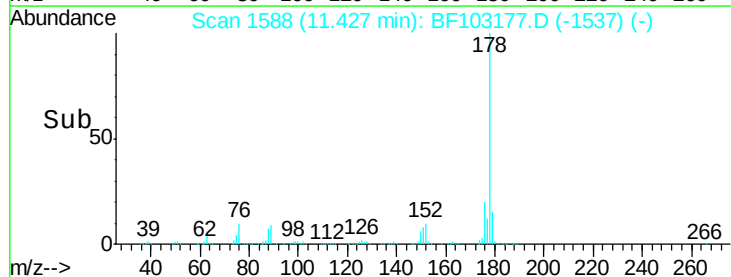
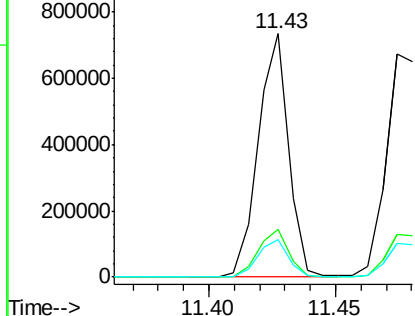


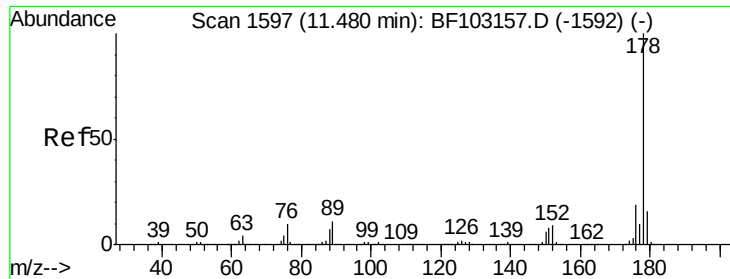
#70
 Phenanthrene
 Concen: 28.735 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:178 Resp: 614465
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

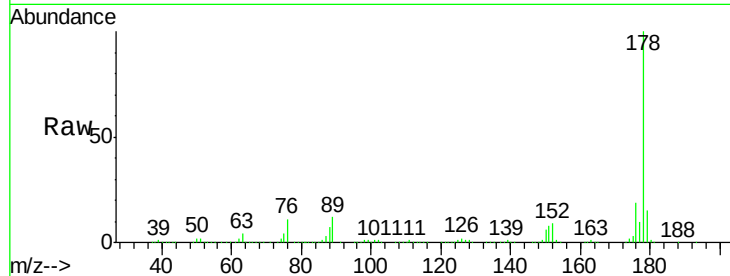




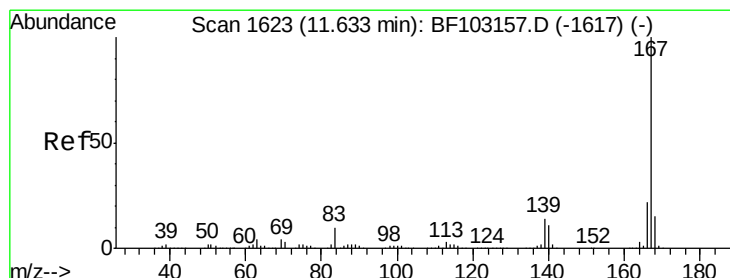
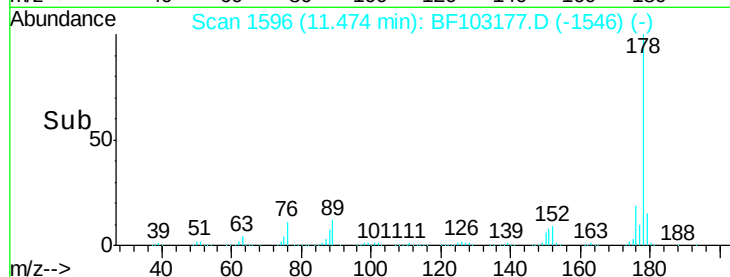
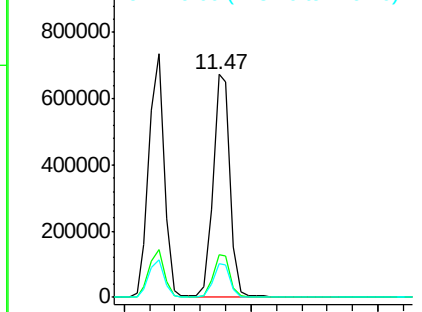
#71
 Anthracene
 Concen: 29.209 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMSD

Tot Ion:178 Resp: 640473
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.3 12.6 19.0

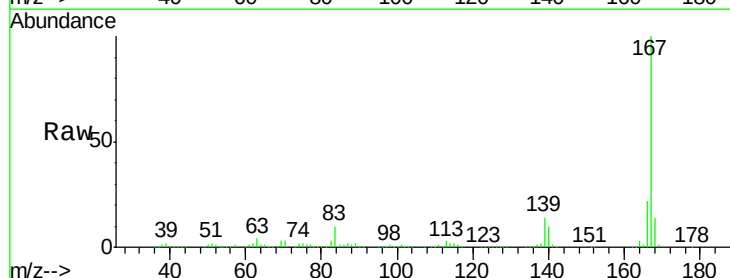


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

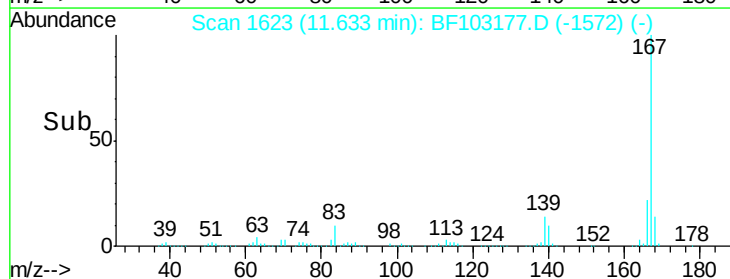
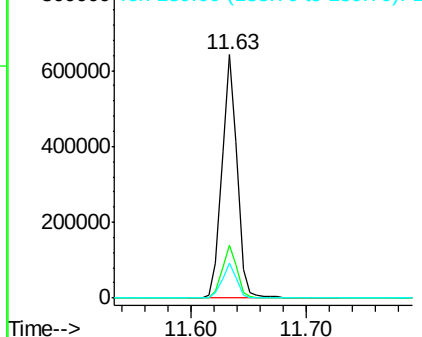


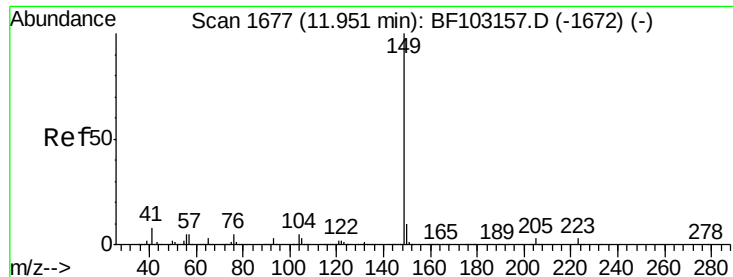
#72
 Carbazole
 Concen: 26.905 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103177.D
 Acq: 22 Feb 2018 21:54

Tgt Ion:167 Resp: 587505
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 14.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.722 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

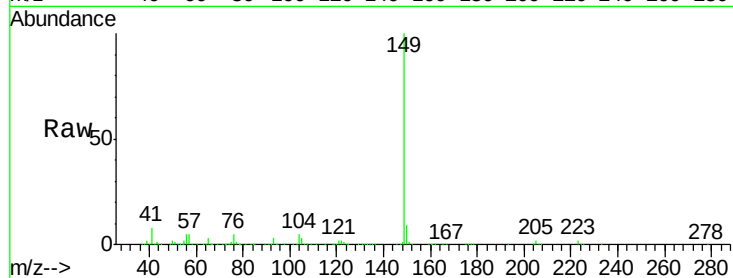
Tot Ion:149 Resp: 839432

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

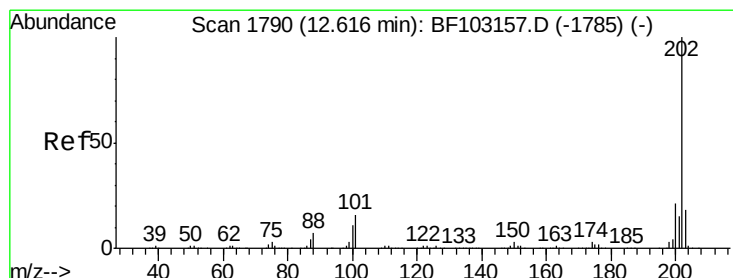
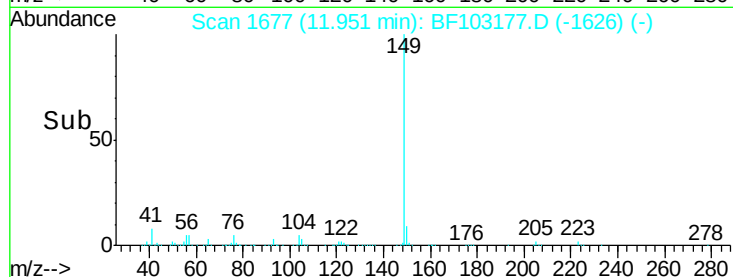
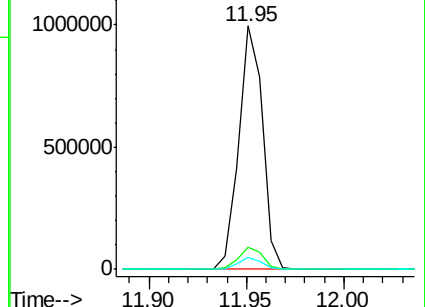
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.827 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

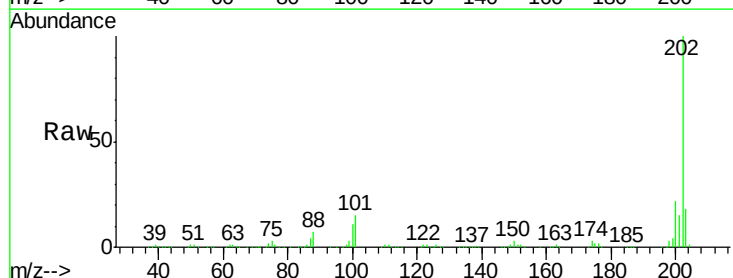
Tgt Ion:202 Resp: 554983

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

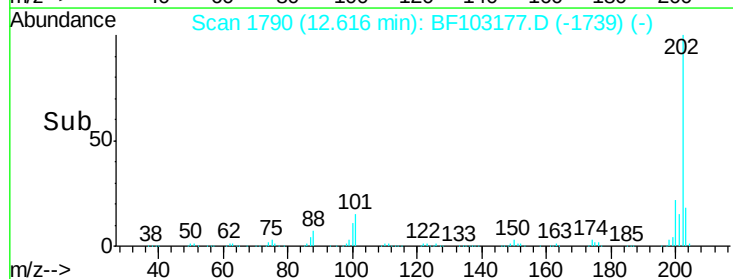
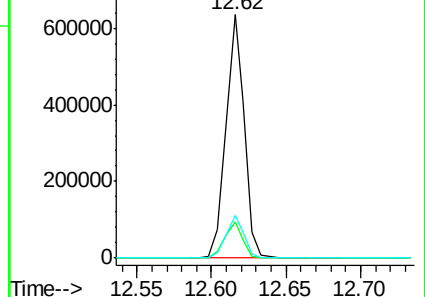
203 17.7 0.0 38.1

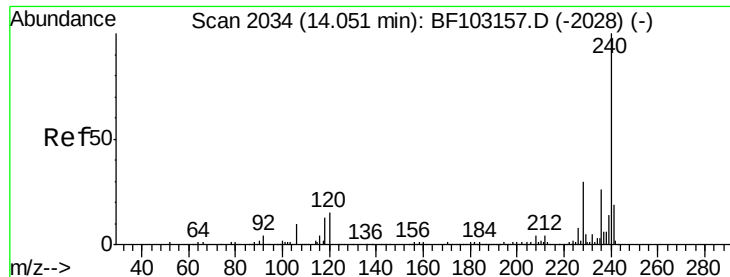


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

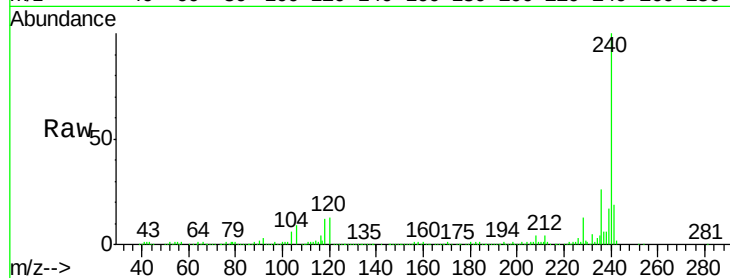
Tot Ion:240 Resp: 275546

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

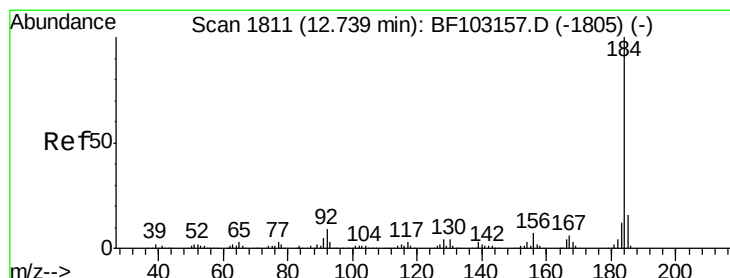
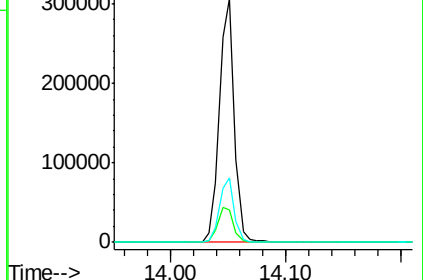
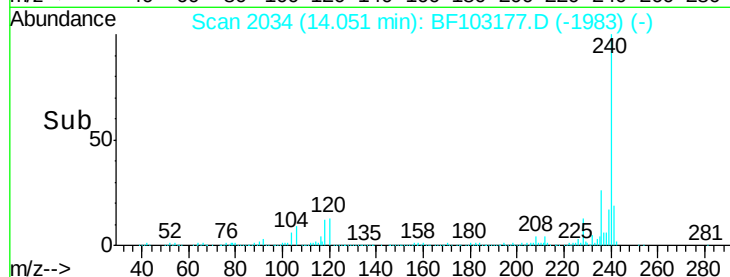
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.756 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

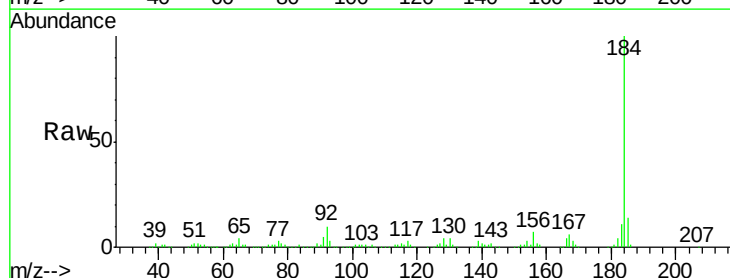
Tgt Ion:184 Resp: 306524

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

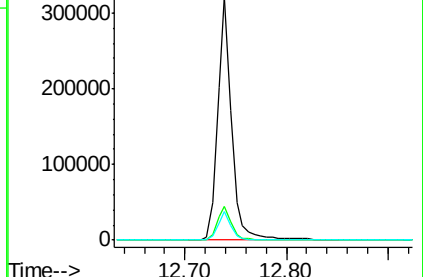
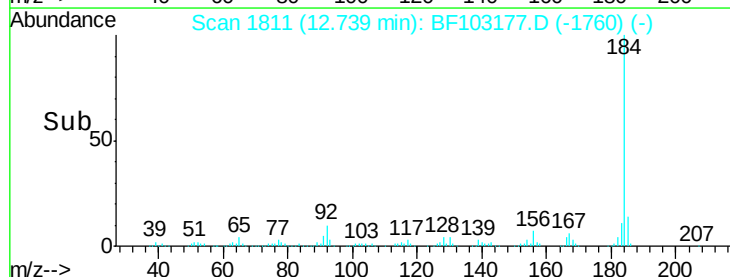
183 11.5 9.3 13.9

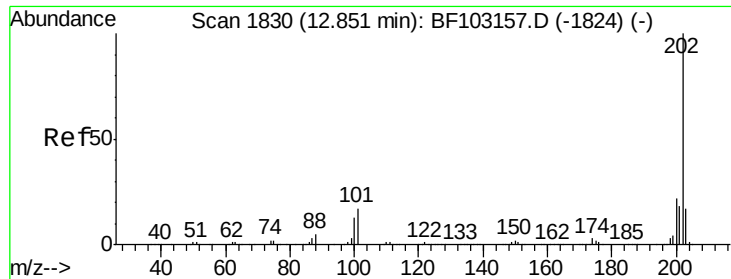


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.133 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

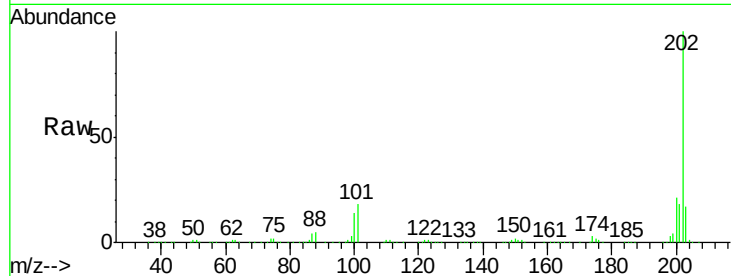
Tot Ion:202 Resp: 561417

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

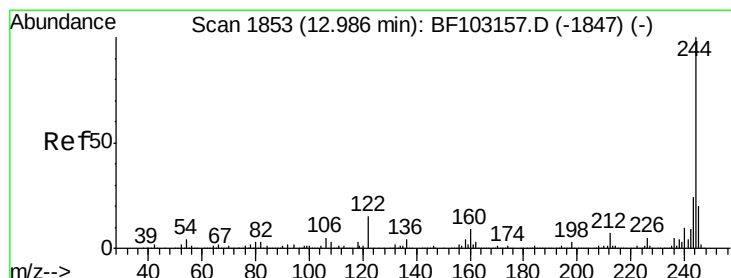
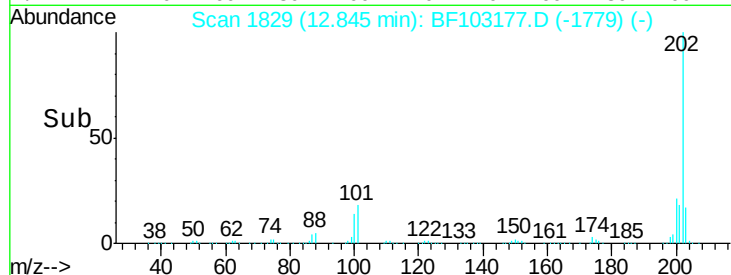
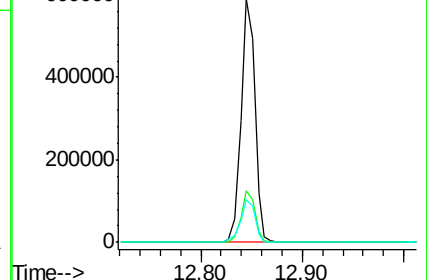
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.069 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

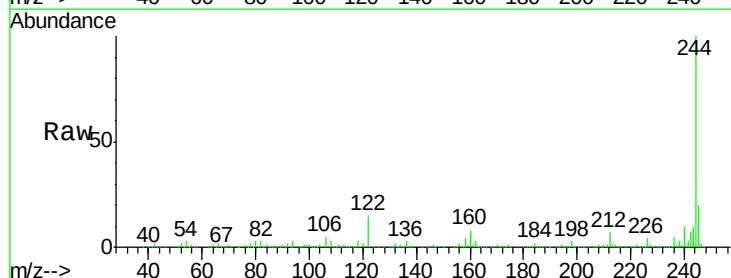
Tgt Ion:244 Resp: 665617

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

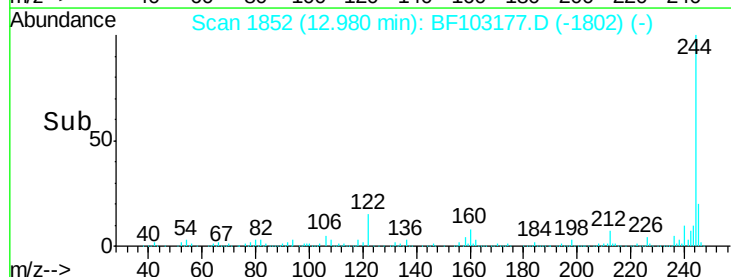
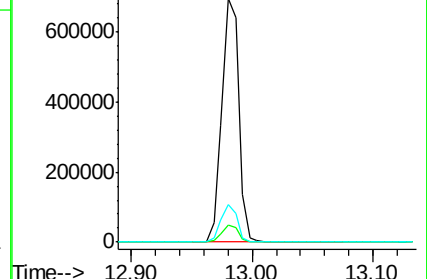
122 15.3 11.0 16.4

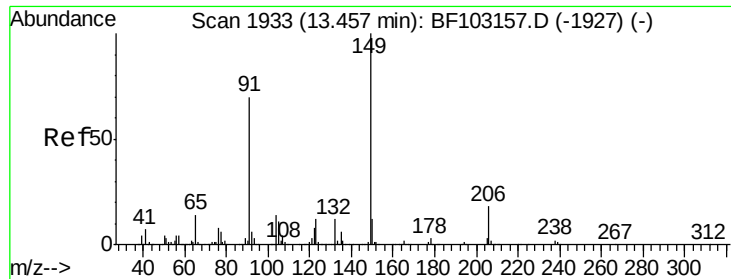


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

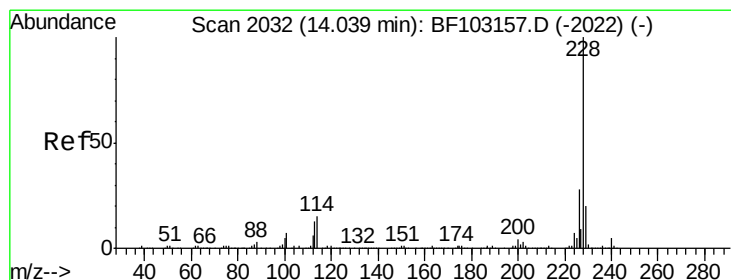
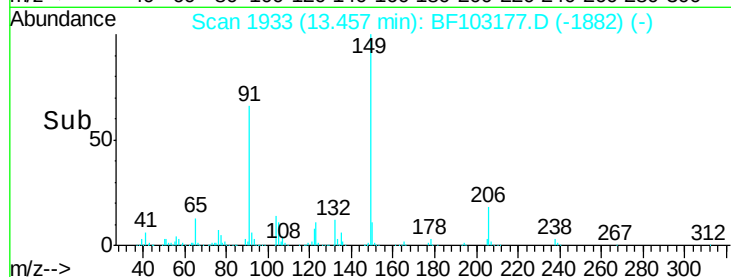
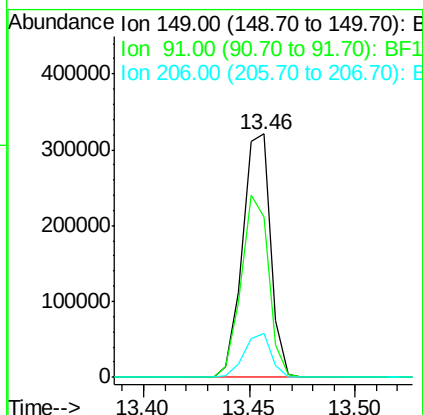
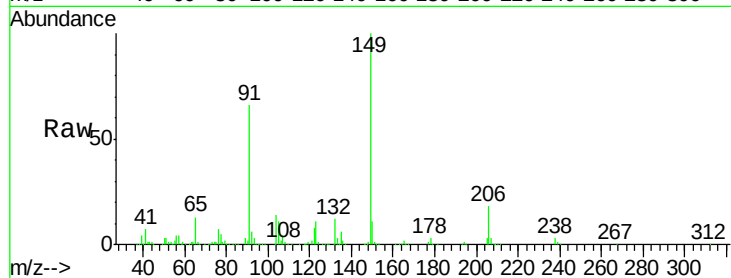




#79
Butylbenzylphthalate
Concen: 26.160 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

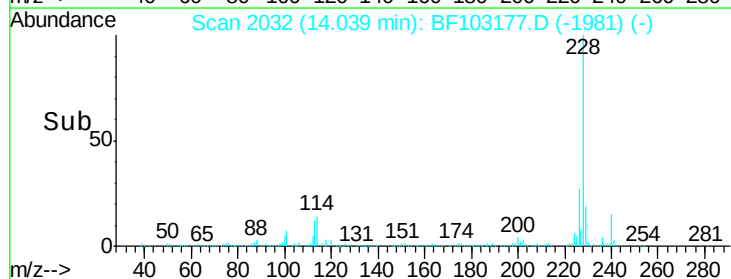
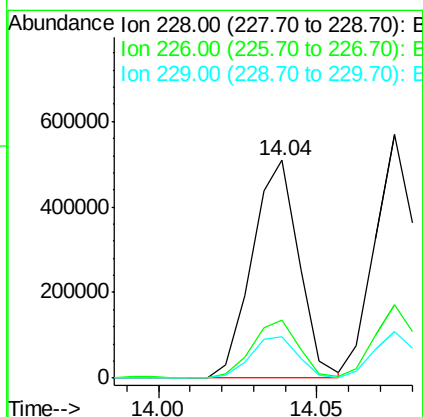
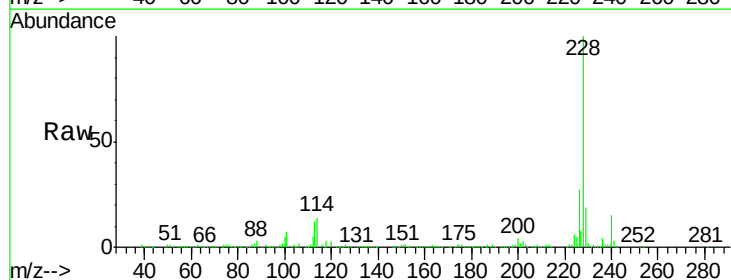
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

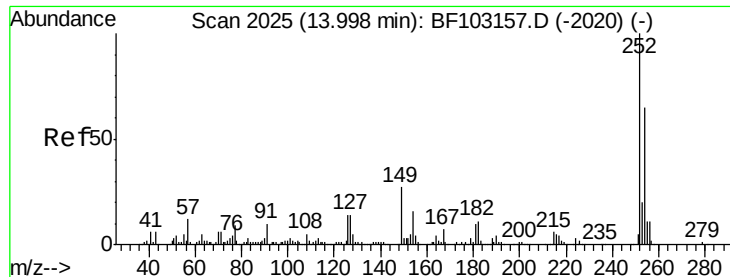
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 29.080 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 31.616 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

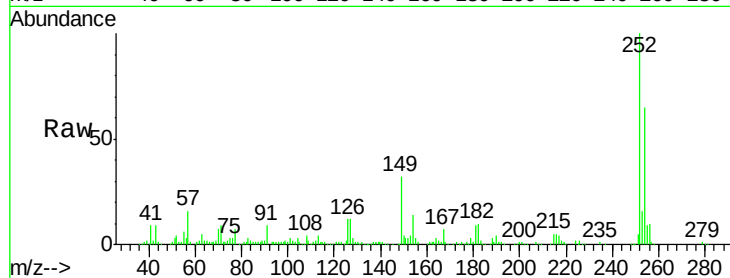
Tot Ion:252 Resp: 201721

Ion Ratio Lower Upper

252 100

254 65.3 50.4 75.6

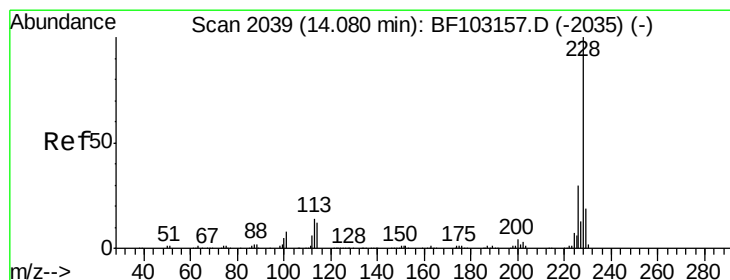
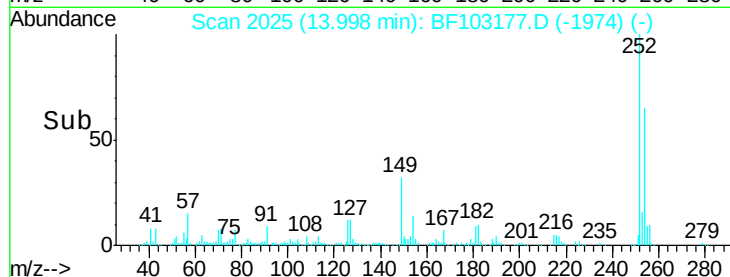
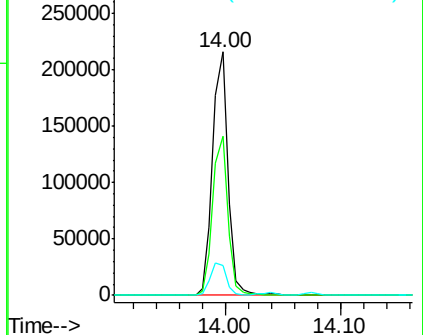
126 12.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 28.758 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

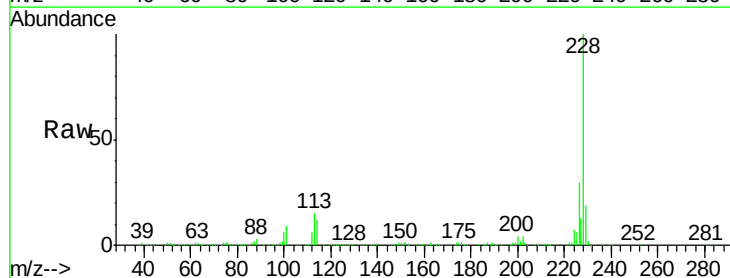
Tgt Ion:228 Resp: 499233

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

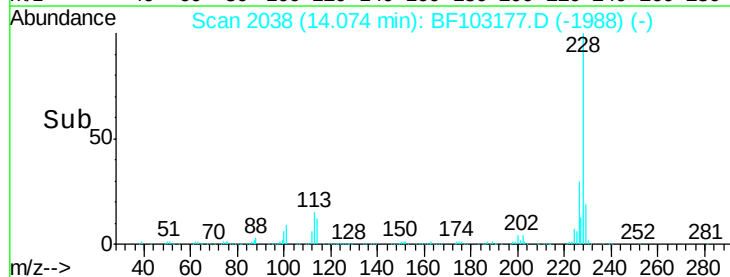
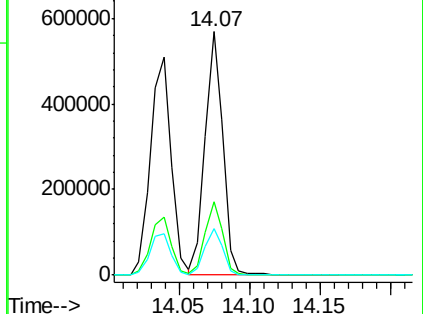
229 19.2 16.2 24.4

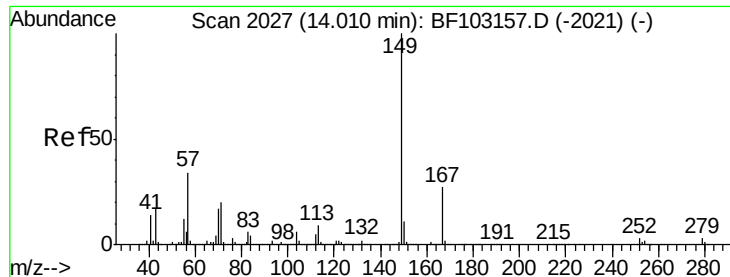


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.040 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

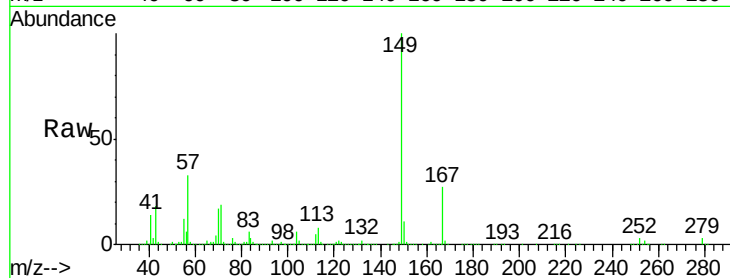
Tot Ion:149 Resp: 414169

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

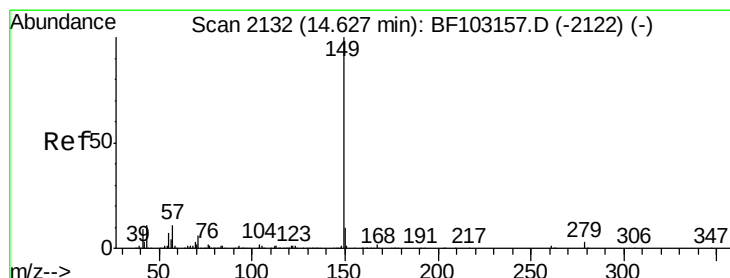
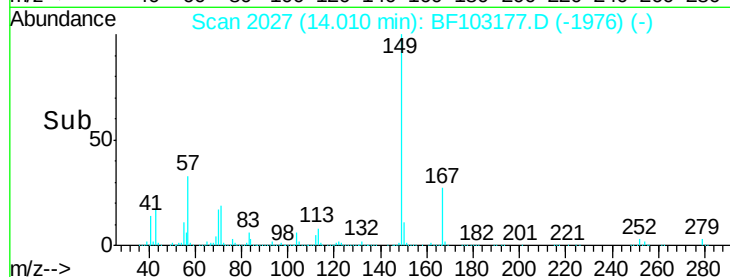
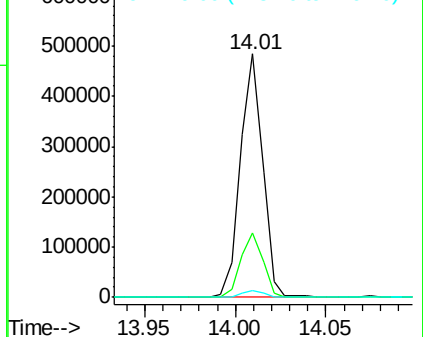
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.840 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

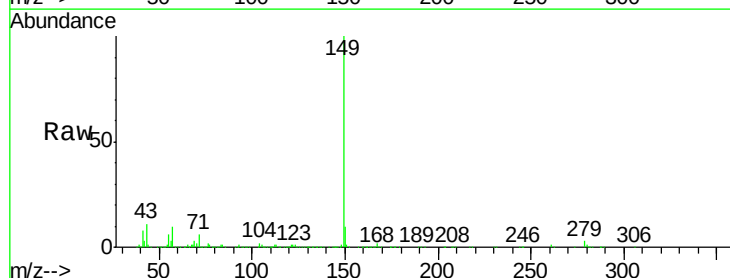
Tgt Ion:149 Resp: 763230

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

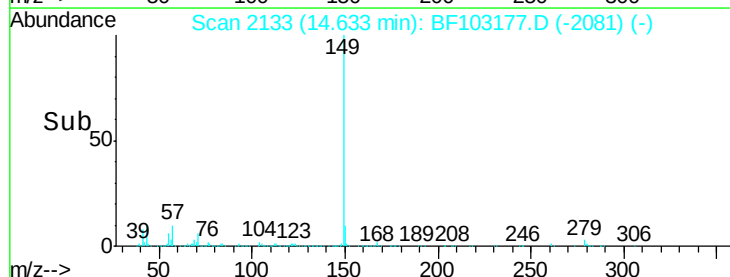
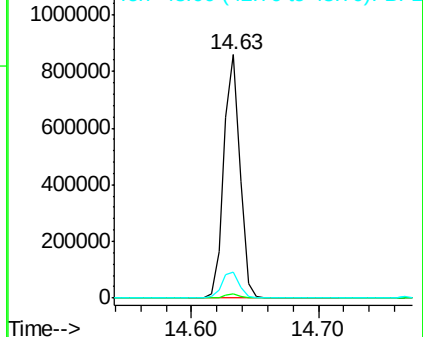
43 10.9 8.4 12.6

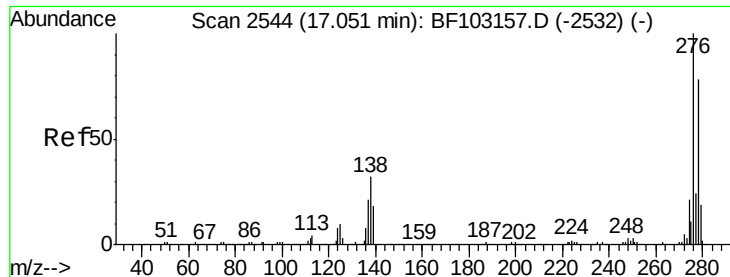


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.361 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

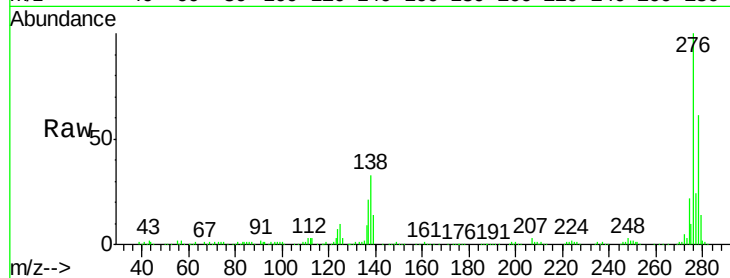
Tot Ion:276 Resp: 389764

Ion Ratio Lower Upper

276 100

138 33.6 25.0 37.6

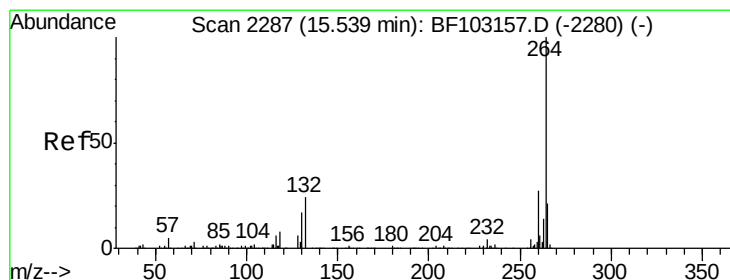
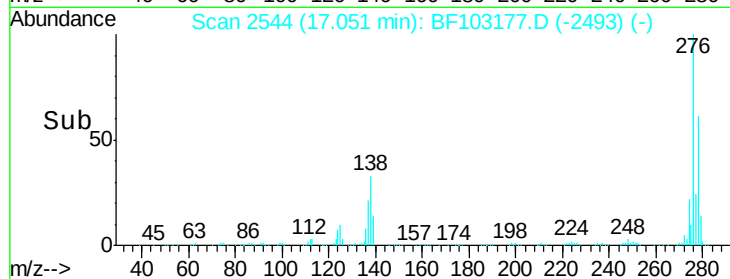
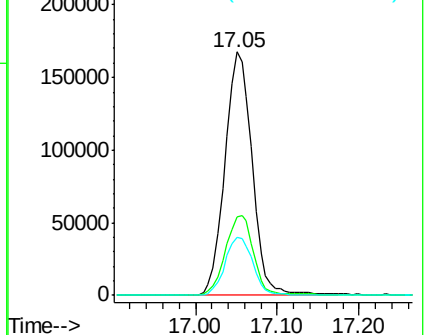
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

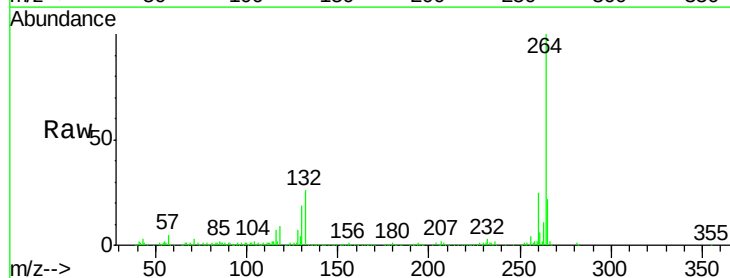
Tgt Ion:264 Resp: 266750

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

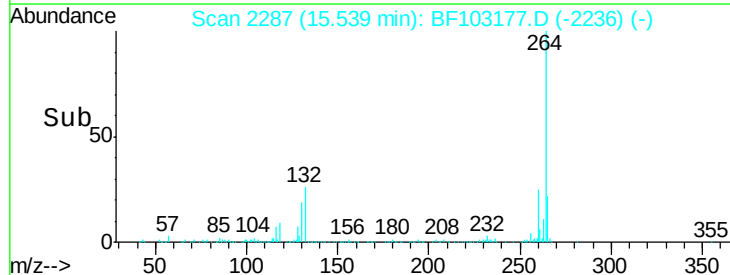
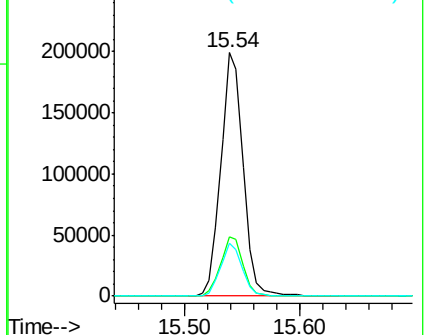
265 21.5 17.5 26.3

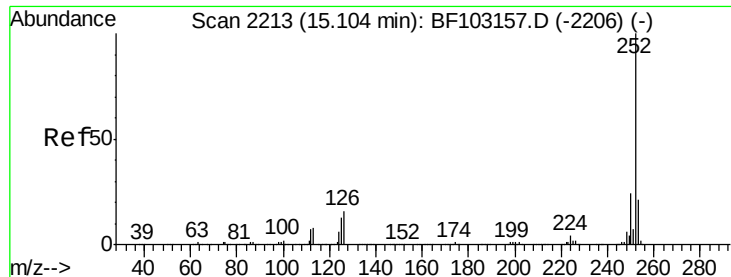


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.065 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

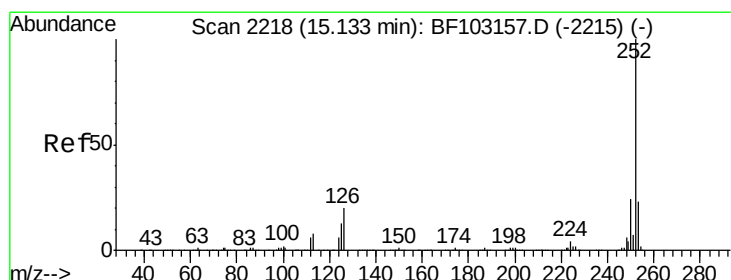
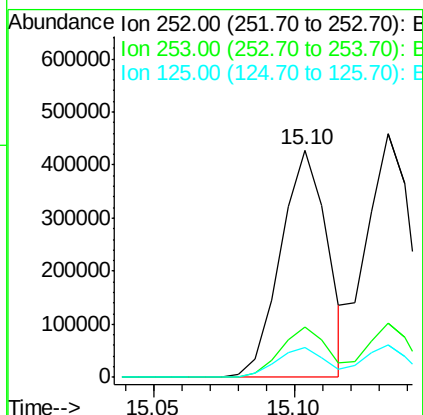
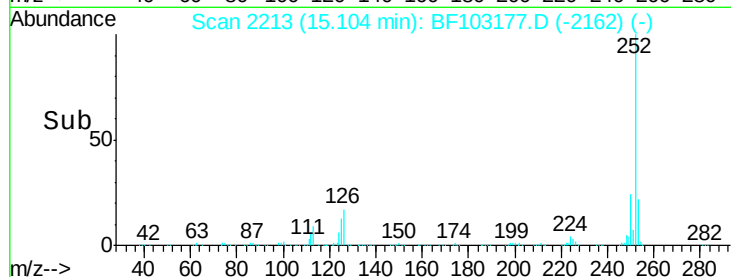
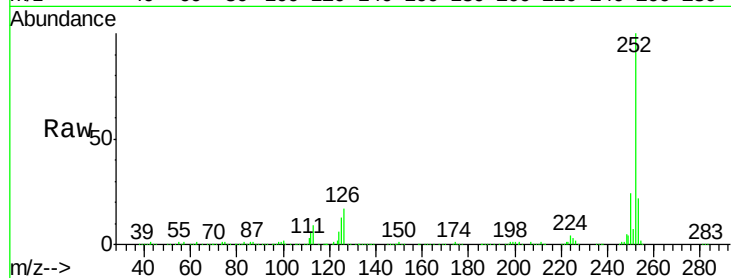
Tot Ion:252 Resp: 492227

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 13.1 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 31.137 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

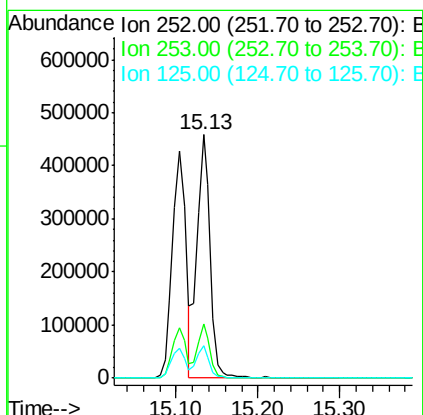
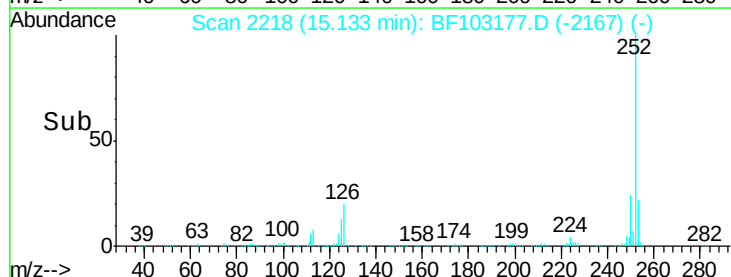
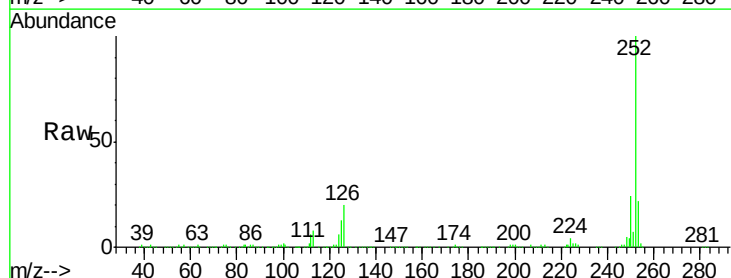
Tgt Ion:252 Resp: 514245

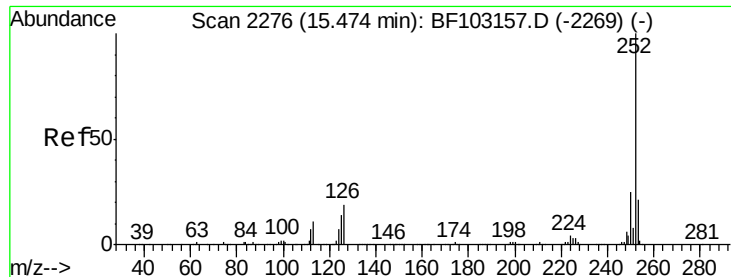
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 13.4 10.2 15.2

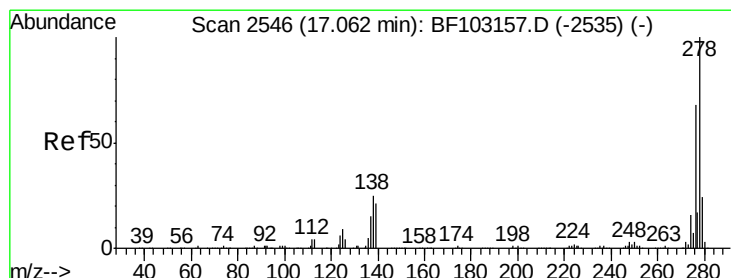
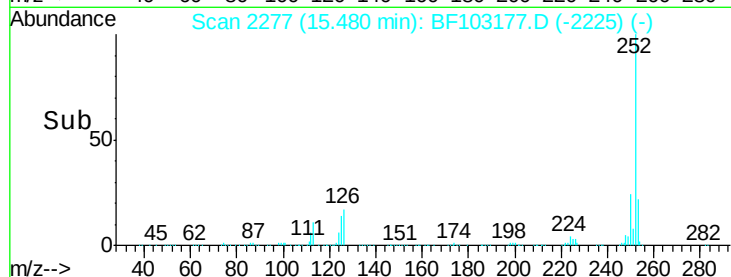
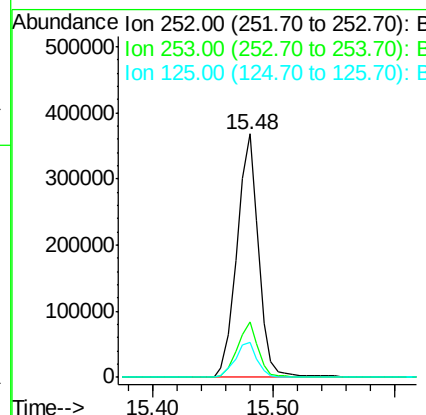
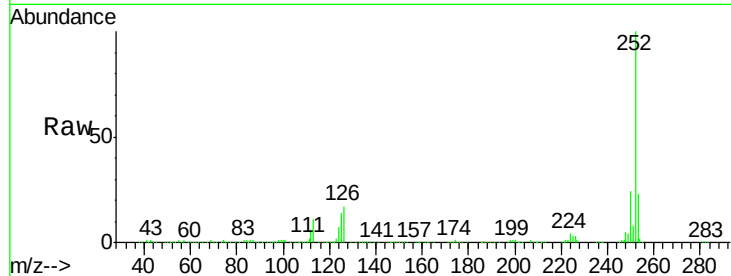




#89
Benzo(a)pyrene
Concen: 29.248 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

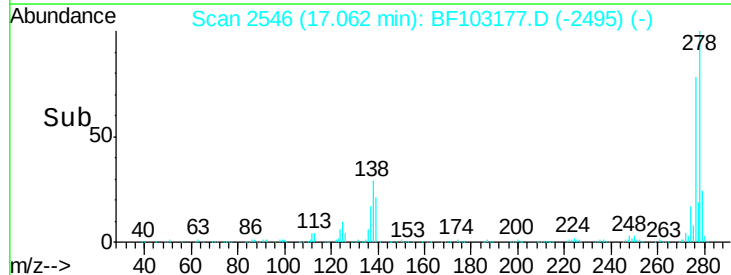
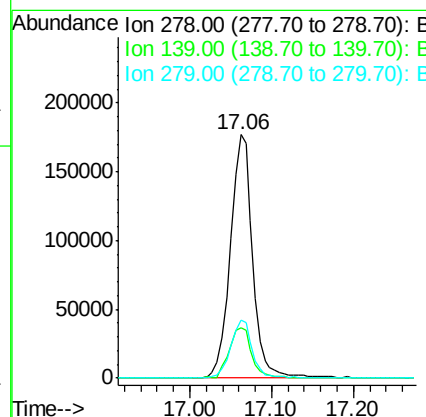
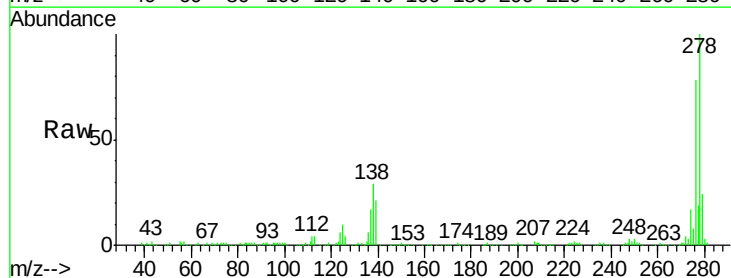
Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMSD

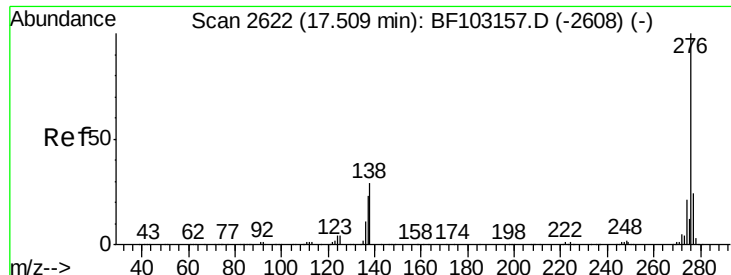
Tot Ion:252 Resp: 458075
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 27.775 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF103177.D
Acq: 22 Feb 2018 21:54

Tgt Ion:278 Resp: 336135
Ion Ratio Lower Upper
278 100
139 20.5 15.9 23.9
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 26.536 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BF103177.D

Acq: 22 Feb 2018 21:54

Instrument :

BNA_F

ClientSampleId :

TP-1-3FTMSD

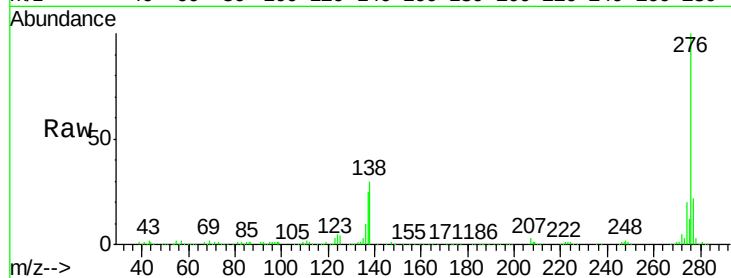
Tot Ion: 276 Resp: 313869

Ion Ratio Lower Upper

276 100

277 22.4 17.9 26.9

138 29.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

